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Summary of Changes

This section describes the technical changes made in this edition.
This edition might also include minor corrections and editorial changes which are not identified.

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Additions in this update

►**New product(s)**
ThinkPad L470 models announced January 2017
ThinkPad T470 models announced January 2017
ThinkPad T470s models announced February 2017
ThinkPad T570 models announced January 2017
ThinkPad X270 models announced February 2017
ThinkPad X1 Carbon (5th Gen) models announced February 2017

►**New model(s)**
ThinkPad 13 (2nd Gen) models announced January 2017

►**Others**
None

Withdrawals in this update

►**Withdrawn product(s)**
None

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ThinkPad 11e (3rd Gen) Platform Specifications

Processor

Intel® Celeron® processor, Intel Pentium® Processor, or
6th Generation Intel Core™ i3 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics
Cel N3150	4	4	1.6 GHz	2.08 GHz	2MB	DDR3L-1600	Intel HD graphics
Cel N3160			1.6 GHz	2.24 GHz	2MB		Intel HD graphics 400
Pen 4405U	2	4	2.1 GHz	-	2MB		Intel HD graphics 510
i3-6100U			2.3 GHz	-	3MB		Intel HD graphics 520

Graphics
Intel HD Graphics, Intel HD Graphics 510, or Intel HD Graphics 520 in processor, supports external digital monitor via HDMI™;
supports dual independent display;
Max resolution: 1920X1080 (HDMI)@30Hz

Chipset
Intel SoC (System on Chip) platform

Memory
2GB, 4GB, or 8GB / PC3-12800 1600MHz DDR3L, one DDR3L SO-DIMM socket

Display
11.6" (295mm) HD (1366x768), anti-glare, LED backlight,
220 nits, 16:9 aspect ratio, 500:1 contrast ratio

Multi-touch
None

Hinge
Normal hinge, 180 degree

Storage
M.2 Solid State Drive (SSD), SATA 6.0Gb/s

Optical
None

Ethernet
Realtek RTL8111GUS-CG Gigabit Network Connection

WLAN[4]
One of the following, configurable by model:
- 11ac+BT, Intel Dual Band Wireless-AC 3165, 1x1, M.2 card
- 11ac+BT, Intel Dual Band Wireless-AC 7265, 2x2, M.2 card

Bluetooth™
Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN
None

Dimensions[3]
WxDxH: 11.81" x 8.27" x 0.88"; 300mm x 210mm x 22.3mm

Weight[2]
from 3.3 lb (1.5kg)

Case color
Display cover: Graphite Black or Silver; *Bottom:* Graphite Black

Case material
Display cover: PC+40%GF+TPU; *Bottom:* PCC

Media reader
4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports
Two USB 3.0, HDMI, Ethernet (RJ-45)

Control buttons
Power button, volume control button

Camera
HD720p resolution, low light sensitive, fixed focus

Audio support
HD Audio, Realtek® ALC3245 codec / stereo speakers, 2W x 2 /
monaural digital microphone, combo audio/microphone jack

Keyboard
ThinkPad Windows keyboard, 6-row, multimedia Fn keys

Touchpad
Buttonless touchpad below keyboard, multi-touch

Security
Power-on password, hard disk password, supervisor password, security keyhole

Security chip
Win7 model: discrete TPM 1.2, TCG Certified
Win10 model: discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 in chipset

vPro
None

Fingerprint reader
None

Battery
Integrated Lithium Polymer 3-cell *(42Wh)*

Max battery life[10]
MobileMark® 2014: 11.53 hr

AC adapter
45-watt AC adapter

Preload

Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Limited warranty[12]
One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service (US only)

Mil-Spec test
MIL-STD-810G military certification

Environment
EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	Color	Camera	Keyboard	Fingerprint Reader	TPM	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20GB000JUS	US	Celeron N3150	Intel HD	4GBx1	11.6" HD (1366x768)	None	192GB SSD M.2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	02/16
20GB000KUS	US	Celeron N3150	Intel HD	8GBx1	11.6" HD (1366x768)	None	192GB SSD M.2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	02/16
20GB000LUS	US	Celeron N3150	Intel HD	8GBx1	11.6" HD (1366x768)	None	128GB SSD M.2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	02/16
20GB000MUS	US	Celeron N3150	Intel HD	8GBx1	11.6" HD (1366x768)	None	256GB SSD M.2 Opal2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	02/16
20GB000NUS	US	Celeron N3150	Intel HD	4GBx1	11.6" HD (1366x768)	None	128GB SSD M.2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	02/16
20GB000PUS	US	i3-6100U	Intel HD 520	4GBx1	11.6" HD (1366x768)	None	128GB SSD M.2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	02/16
20GB000QUS	US	i3-6100U	Intel HD 520	8GBx1	11.6" HD (1366x768)	None	128GB SSD M.2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	02/16
20GB000RUS	US	i3-6100U	Intel HD 520	8GBx1	11.6" HD (1366x768)	None	192GB SSD M.2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	02/16
20GB000SUS	US	i3-6100U	Intel HD 520	8GBx1	11.6" HD (1366x768)	None	256GB SSD M.2 Opal2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	02/16
20GB000UUS	US	i3-6100U	Intel HD 520	4GBx1	11.6" HD (1366x768)	None	192GB SSD M.2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	02/16
20GB001HUS	US	Celeron N3160	Intel HD 400	4GBx1	11.6" HD (1366x768)	None	128GB SSD M.2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	09/16
20GB001JUS	US	Celeron N3160	Intel HD 400	4GBx1	11.6" HD (1366x768)	None	256GB SSD M.2 Opal2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	09/16
20GB001KUS	US	Celeron N3160	Intel HD 400	8GBx1	11.6" HD (1366x768)	None	128GB SSD M.2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	09/16
20GB001LUS	US	Celeron N3160	Intel HD 400	8GBx1	11.6" HD (1366x768)	None	256GB SSD M.2 Opal2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	09/16

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ThinkPad 11e (3rd Gen) Chromebook Platform Specifications

Processor — Intel® Celeron® processor

Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics
Cel N3150	4	4	1.6 GHz	2.08 GHz	2MB	DDR3L-1600	Intel HD graphics
Cel N3160			1.6 GHz	2.24 GHz	2MB		Intel HD graphics 400

Graphics — Intel HD Graphics or Intel HD Graphics 400 in processor, supports external digital monitor via HDMI™; supports dual independent display; Max resolution: 1920X1080 (HDMI)@30Hz

Chipset — Intel SoC (System on Chip) platform

Memory — 2GB or 4GB / 1600MHz LPDDR3 / soldered to systemboard, no sockets

Display — 11.6" (295mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio

Multi-touch — None

Hinge — Normal hinge, 180 degree

Storage — 16GB eMMC (embedded Multi Media Card) flash memory on board

Optical — None

Ethernet — None

WLAN[4] — 11ac+BT, Intel Dual Band Wireless-AC 7265, 2x2, M.2 card

Bluetooth™ — Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN — None

Dimensions[3] — *WxDxH:* 11.81" x 8.27" x 0.88"; 300mm x 210mm x 22.3mm

Weight[2] — from 3.3 lb (1.5kg)

Case color — *Display cover:* Graphite Black or Silver; *Bottom:* Graphite Black

Case material — *Display cover:* PC+40%GF+TPU; *Bottom:* PCC

Media reader — 4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports — Two USB 3.0 (one Always On), HDMI

Control buttons — None

Camera — HD720p resolution, low light sensitive, fixed focus

Audio support — Realtek® ALC5650 codec / stereo speakers, 2W x 2 / monaural digital microphone, combo audio/microphone jack

Keyboard — ThinkPad Chrome keyboard, 6-row, multimedia Fn keys

Touchpad — Buttonless touchpad below keyboard, multi-touch

Security — Security keyhole

Security chip — Discrete TPM 1.2, TCG Certified

vPro — None

Fingerprint reader — None

Battery — Integrated Lithium Polymer 3-cell *(42Wh)*

Max battery life[10] — Up to 12 hr

AC adapter — 45-watt AC adapter

Preload — Google Chrome OS

Limited warranty[12] — 1-year depot repair service

Mil-Spec test — MIL-STD-810G military certification

Environment — EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

ThinkPad 11e (3rd Gen) Chromebook - TopSeller - 20GF

Product Specifications Reference (PSREF)

Model	Region	Processor	Graphics	Memory (Soldered)	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	Color	Camera	Keyboard	Fingerprint Reader	TPM	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20GF0001US	US	Celeron N3150	Intel HD	4GB Soldered	11.6" HD (1366x768)	None	16GB eMMC	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Chrome OS	1-year, Depot	03/16
20GF0003US	US	Celeron N3160	Intel HD 400	4GB Soldered	11.6" HD (1366x768)	None	16GB eMMC	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Chrome OS	1-year, Depot	10/16

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ThinkPad 13 Platform Specifications

Processor

Intel® Celeron® processor or 6th Generation Intel Core™ i3 / i5 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3855U	2	2	1.6 GHz	-	2MB	DDR4-2133	Intel HD graphics 510
i3-6100U		4	2.3 GHz	-	3MB		Intel HD graphics 520
i5-6200U			2.3 GHz	2.8 GHz	3MB		
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		

Graphics

Intel HD Graphics 510 or 520 in processor,
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 1920x1080 (HDMI)@60Hz, 3840X2160 (USB Type-C)@60Hz

Chipset

Intel SoC (System on Chip) platform

Memory

16GB max / 2133MHz DDR4, two DDR4 SO-DIMM sockets

Display

Some: 13.3" (338mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 13.3" (338mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 220 nits, 16:9 aspect ratio, 600:1 contrast ratio, 170° viewing angle

Multi-touch

None

Storage

M.2 SSD / SATA 6.0Gb/s

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN[4]

One of the following, configurable by model:
- 11ac+BT4.0, Intel Dual Band Wireless-AC 3165, 1x1, M.2 card
- 11ac+BT4.1, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card

Bluetooth™

Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN

None

Dimensions[3]

WxDxH (silver): 12.69" x 8.77" x 0.75"; 322.4mm x 222.8mm x 19.1mm
WxDxH (black): 12.69" x 8.77" x 0.78"; 322.4mm x 222.8mm x 19.8mm

Weight[2]

from 3.17 lb / 1.44 kg

Case color

Pure Black or Silver

Case material

Black cover: PC/ABS plastic;
Silver cover: Aluminum

Smart card reader

None

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.0 (one Always On), one USB Type-C,
HDMI, Lenovo OneLink+ connector

Camera

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Realtek® ALC3245 codec / stereo speakers, 2W x 2 /
dual array microphone, combo audio/microphone jack

Keyboard

ThinkPad Windows keyboard, 6-row, multimedia Fn keys

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Win7 model: discrete TPM 1.2, TCG Certified
Win10 model: discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 in chipset

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Swipe style fingerprint reader on the keyboard bezel

Battery

Integrated Lithium Polymer 3-cell *(42Wh)*

Max battery life[10]

MobileMark® 2014: 11.6 hr

AC adapter

45-watt AC adapter

Preload

Some: Genuine Windows® 7 Professional 64
Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Limited warranty[12]

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	Color	Camera	Keyboard	Fingerprint Reader	TPM	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20GJ0006US	US	Celeron 3855U	No	Intel HD 510	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	03/16
20GJ0007US	US	Celeron 3855U	No	Intel HD 510	4GBx1	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	03/16
20GJ0008US	US	i5-6200U	No	Intel HD 520	8GBx2	13.3" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ0009US	US	Celeron 3855U	No	Intel HD 510	4GBx2	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ000AUS	US	i3-6100U	No	Intel HD 520	4GBx1	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ000DUS	US	i3-6100U	No	Intel HD 520	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ000EUS	US	i3-6100U	No	Intel HD 520	4GBx1	13.3" FHD (1920x1080) IPS	None	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ000FUS	US	i3-6100U	No	Intel HD 520	4GBx2	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ000GUS	US	i3-6100U	No	Intel HD 520	4GBx2	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ000HUS	US	i3-6100U	No	Intel HD 520	4GBx1	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ000JUS	US	i5-6200U	No	Intel HD 520	4GBx1	13.3" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ000KUS	US	i3-6100U	No	Intel HD 520	4GBx2	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ000LUS	US	Celeron 3855U	No	Intel HD 510	4GBx1	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	3-cell (42Wh)	45W	Windows 7 Pro 64	3-year, Depot	03/16
20GJ000MUS	US	Celeron 3855U	No	Intel HD 510	4GBx1	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ000NUS	US	i5-6200U	No	Intel HD 520	4GBx2	13.3" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ000PUS	US	i5-6200U	No	Intel HD 520	4GBx2	13.3" HD (1366x768)	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ000QUS	US	Celeron 3855U	No	Intel HD 510	4GBx2	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ000RUS	US	i5-6200U	No	Intel HD 520	4GBx2	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ000SUS	US	i5-6200U	No	Intel HD 520	4GBx1	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ000TUS	US	i5-6200U	No	Intel HD 520	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	Color	Camera	Keyboard	Fingerprint Reader	TPM	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20GJ000UUS	US	i3-6100U	No	Intel HD 520	4GBx2	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ000VUS	US	i5-6200U	No	Intel HD 520	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ000WUS	US	i3-6100U	No	Intel HD 520	4GBx2	13.3" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ000XUS	US	Celeron 3855U	No	Intel HD 510	4GBx1	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ000YUS	US	i5-6200U	No	Intel HD 520	4GBx2	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ0010US	US	Celeron 3855U	No	Intel HD 510	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ0011US	US	i5-6200U	No	Intel HD 520	4GBx2	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ0012US	US	i3-6100U	No	Intel HD 520	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ0013US	US	i5-6200U	No	Intel HD 520	4GBx1	13.3" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ0014US	US	i5-6200U	No	Intel HD 520	4GBx2	13.3" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ0015US	US	i3-6100U	No	Intel HD 520	4GBx1	13.3" HD (1366x768)	None	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ0016US	US	i3-6100U	No	Intel HD 520	4GBx2	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	03/16
20GJ0019US	US	i5-6300U	vPro	Intel HD 520	4GBx1	13.3" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ0031US	US	i5-6200U	No	Intel HD 520	4GBx1	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ0039US	US	i5-6300U	vPro	Intel HD 520	4GBx1	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ003AUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ003BUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ003CUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	13.3" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ003WUS	US	i3-6100U	No	Intel HD 520	4GBx1	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ003XUS	US	i5-6200U	No	Intel HD 520	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	Color	Camera	Keyboard	Fingerprint Reader	TPM	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20GJ003YUS	US	i3-6100U	No	Intel HD 520	4GBx1	13.3" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	03/16
20GJ0048US	US	i5-6200U	No	Intel HD 520	8GBx1	13.3" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	06/16
20GJ0055US	US	i5-6200U	No	Intel HD 520	8GBx1	13.3" HD (1366x768)	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	06/16
20GJ005EUS	US	i3-6100U	No	Intel HD 520	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	06/16
20GJ005FUS	US	i5-6200U	No	Intel HD 520	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	06/16
20GJ005JUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	13.3" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	04/16
20GJ005KUS	US	i5-6200U	No	Intel HD 520	8GBx1	13.3" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	04/16
20GJ005LUS	US	i5-6300U	vPro	Intel HD 520	8GBx2	13.3" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Windows 10 DG Windows 7 Pro 64	3-year, Depot	04/16
20GJ006MUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	13.3" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	10/16

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ThinkPad 13 (2nd Gen) Platform Specifications

Processor

Intel® Celeron® processor or 7th Generation Intel Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3865U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610
i3-7100U		4	2.4 GHz	-	3MB		Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		

Graphics

Intel HD Graphics 610 or 620 in processor,
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 1920x1080 (HDMI)@60Hz, 3840x2160 (USB Type-C)@60Hz

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2133MHz DDR4, two DDR4 SO-DIMM sockets

Display

Some: 13.3" (338mm) HD (1366x768), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 13.3" (338mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

Some: M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)

Optical

None

Ethernet

None

WLAN

Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
* *Intel 8265ac card supports Bluetooth 4.2 but is limited to BT 4.1 by Windows OS*

WWAN

None

Dimensions

WxDxH (silver): 12.69" x 8.77" x 0.75"; 322.4mm x 222.8mm x 19.1mm
WxDxH (black): 12.69" x 8.77" x 0.78"; 322.4mm x 222.8mm x 19.8mm

Weight

from 3.17 lb / 1.44 kg

Case color

Pure Black or Silver

Case material

Black cover: PC/ABS plastic;
Silver cover: Aluminum

Smart card reader

None

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.1 Gen 1 / USB 3.0 (one Always On), one USB Type-C, HDMI, Lenovo OneLink+ connector

Camera

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Realtek® ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, multimedia Fn keys, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: swipe style fingerprint reader on the palm rest

Battery

Integrated Lithium Polymer 3-cell *(42Wh)*

Max battery life

MobileMark® 2014: 14.56 hr

AC adapter

45W AC adapter

Preload

Some: Windows® 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Color	Camera	Keyboard	Fingerprint Reader	TPM	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20J10006US	US	i3-7100U	No	Intel HD 620	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	12/16
20J1000AUS	US	i5-7200U	No	Intel HD 620	4GBx1	13.3" HD (1366x768)	None	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	12/16
20J1000EUS	US	i5-7200U	No	Intel HD 620	8GBx1	13.3" HD (1366x768)	None	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	12/16
20J1001BUS	US	i3-7100U	No	Intel HD 620	4GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	12/16
20J1001CUS	US	i5-7200U	No	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Backlit	Fingerprint Reader	dTPM 2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	12/16
20J1001DUS	US	i5-7200U	No	Intel HD 620	4GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	12/16
20J1001EUS	US	i3-7100U	No	Intel HD 620	4GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	12/16
20J1001FUS	US	i5-7200U	No	Intel HD 620	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	12/16
20J1001GUS	US	i5-7200U	No	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	720p	Backlit	None	dTPM 2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	3-year, Depot	12/16
20J1001HUS	US	i3-7100U	No	Intel HD 620	4GBx1	13.3" HD (1366x768)	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	12/16
20J1001JUS	US	i5-7200U	No	Intel HD 620	8GBx1	13.3" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 Opal2	None	Intel 8265 ac, 2x2 + BT4.1	Silver	720p	Non-backlit	None	dTPM 2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	12/16
20J10022US	US	i5-7200U	No	Intel HD 620	4GBx1	13.3" HD (1366x768)	None	180GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	01/17
20J10023US	US	i3-7100U	No	Intel HD 620	4GBx1	13.3" HD (1366x768)	None	180GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	Black	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	01/17

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ThinkPad 13 Chromebook Platform Specifications

Processor

Intel® Celeron® processor or 6th Generation Intel Core™ i3 / i5 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3855U	2	2	1.6 GHz	-	2MB	LPDDR3-1866	Intel HD graphics 510
i3-6100U		4	2.3 GHz	-	3MB		Intel HD graphics 520
i5-6300U			2.4 GHz	3.0 GHz	3MB		

Graphics

Intel HD Graphics 510 or 520 in processor,
supports external digital monitor via USB Type-C;
supports three independent displays;
Max resolution: 3840X2160 (USB Type-C)@60Hz

Chipset

Intel SoC (System on Chip) platform

Memory

4GB or 8GB / 1866MHz LPDDR3 / soldered to systemboard, no sockets

Display

Some: 13.3" (338mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 13.3" (338mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 220 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle
Some: 13.3" (338mm) FHD (1920x1080), glossy, LED backlight, IPS, multi-touch, 250 nits, 16:9 aspect ratio, 800:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)*

Capacitive-type multi-touch, supports 10-finger gesture

Storage

16GB or 32GB eMMC (embedded Multi Media Card) flash memory on board

Optical

None

Ethernet

None

WLAN[4]

11ac+BT, Intel Dual Band Wireless-AC 7265, 2x2, M.2 card

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN

None

Dimensions[3]

WxDxH: 12.69" x 8.77" x 0.78"; 322.4mm x 222.8mm x 19.8mm

Weight[2]

from 3.1 lb / 1.41 kg

Case color

Pure Black

Case material

PC/ABS plastic

Smart card reader

None

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.0 (Always On), two USB Type-C

Camera

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Nuvoton NAU88L25B codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

ThinkPad Chrome keyboard, 6-row, multimedia Fn keys

Touchpad

Buttonless touchpad below keyboard, multi-touch

Security

Security keyhole

Security chip

Discrete TPM 1.2, TCG Certified

vPro

None

Fingerprint reader

None

Battery

Integrated Lithium Polymer 3-cell *(42Wh)*

Max battery life[10]

13 hr

AC adapter

USB Type-C 45-watt AC adapter

Preload

Google Chrome OS

Limited warranty[12]

1-year depot repair service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory (Soldered)	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	Color	Camera	Keyboard	Fingerprint Reader	TPM	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20GL0000US	US	Celeron 3855U	No	Intel HD 510	4GB Soldered	13.3" HD (1366x768) Anti-glare	None	16GB eMMC	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Chrome OS	1-year, Depot	05/16
20GL0002US	US	i3-6100U	No	Intel HD 520	4GB Soldered	13.3" HD (1366x768) Anti-glare	None	16GB eMMC	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Chrome OS	1-year, Depot	05/16
20GL0004US	US	i5-6300U	No	Intel HD 520	8GB Soldered	13.3" FHD (1920x1080) IPS Anti-glare	None	32GB eMMC	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Chrome OS	1-year, Depot	05/16
20GL0005US	US	i5-6300U	No	Intel HD 520	8GB Soldered	13.3" HD (1366x768) Anti-glare	None	32GB eMMC	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Chrome OS	1-year, Depot	05/16
20GL0006US	US	Celeron 3855U	No	Intel HD 510	4GB Soldered	13.3" FHD (1920x1080) IPS Glossy	10-point Multi-touch	16GB eMMC	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Chrome OS	1-year, Depot	10/16
20GL0007US	US	i5-6300U	No	Intel HD 520	8GB Soldered	13.3" FHD (1920x1080) IPS Glossy	10-point Multi-touch	32GB eMMC	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Chrome OS	1-year, Depot	10/16
20GL0008US	US	i3-6100U	No	Intel HD 520	4GB Soldered	13.3" FHD (1920x1080) IPS Glossy	10-point Multi-touch	16GB eMMC	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	Non-backlit	None	dTPM 1.2	3-cell (42Wh)	45W	Chrome OS	1-year, Depot	10/16

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ThinkPad E450 Platform Specifications

Processor

4th or 5th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory speed	Processor Graphics
i3-4005U	2	4	1.7 GHz	-	3MB	DDR3L-1600	HD4400
i3-5005U	2	4	2.0 GHz	-	3MB		HD5500
i5-5200U	2	4	2.2 GHz	2.7 GHz	3MB		HD5500
i7-5500U	2	4	2.4 GHz	3.0 GHz	4MB		HD5500

Graphics

Intel HD Graphics in processor only, or
AMD Radeon R5 M240 Graphics, 1GB DDR3 memory,
AMD Radeon R7 M260 Graphics, 2GB DDR3 memory,
digital monitor support via HDMI™ (supporting HDCP to output protected content);
supports dual independent display
Max resolution: 1920x1080 (HDMI)@60Hz

Chipset

Intel SoC (System on Chip) platform

Memory

16GB max[7] / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets

Display

Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio
Some: 14.0" (355mm) FHD (1920x1080) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio

Multi-touch

Some: supports 10-finger gesture

Storage

Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™
Some: Hybrid drive with 8GB NAND flash memory

Optical

None

M.2 SSD

None

Ethernet

Intel WGI218V Gigabit Ethernet Connection

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WLAN

One of the following, configurable by model:

- Intel Wireless-AC 3160, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
- Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT combo adapter, M.2 Card
- RTL8723BE, Realtek 11b/g/n, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
- BCM43162, Broadcom 11-AC, 1x1, Wi-Fi + BT combo adapter, M.2 Card

WWAN

None

SIM card

None

Smart Card Read

None

ExpressCard

None

Dimensions

None Touch(WxDxH): 13.35" x 9.41" x 0.94"; 339mm x 239mm x 24mm

Weight

6-cell None Touch: from 4.00 lb (1.81kg)

Case color

Graphite Black

Case material

PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic

Multicard Reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.0, one USB 2.0 (Always On), Ethernet (RJ-45), external monitor (HDMI), Lenovo OneLink connector

Monitor cable

None

Camera

Some: 0.3-megapixel, fixed focus
Some: HD720p resolution, fixed focus

Audio support

HD Audio, Conexant® CX20751 codec, Dolby® Advanced Audio™ v4 / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys

UltraNav™

TrackPoint® pointing device and multi-touch with 3+2 buttons click pad

ThinkLight™

None

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

TPM : Trusted Platform Module, TCG 1.2-compliant
Soft : Software TPM enabled

vPro

None

Fingerprint reader

Some: Fingerprint reader on the keyboard bezel, swipe sensor

NFC

None

Battery type

Li-Ion 6-cell (47Wh)

Battery life

6-cell (47Wh): up to 9.0 hr

AC adapter

Some: 45-watt AC adapter (Integrated Graphics)
Some: 65-watt AC adapter (Discrete Graphics)

Preload

Some: No operating system

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit

- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Microsoft® Office preloaded; purchase a product key to activate
- Norton™ Internet Security (30 days of virus definitions)

Some: Windows 8.1 64-bit

Some: Windows 8.1 Pro 64-bit

- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo Companion
- ThinkVantage System Update
- Evernote
- Maxthon Cloud Browser
- Norton Studio
- Microsoft Office preloaded; purchase a product key to activate
- Norton Internet Security (30 days of virus definitions)

Some: Windows 7 Professional preinstalled through downgrade rights in Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™

Some: Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo Companion
- Microsoft Office preloaded; purchase a product key to activate
- McAfee LiveSafe (30 days of virus definitions)

Limited warranty

1-year - depot repair service / service upgrades available

Environment

EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20DC003FUS	US	i3-4005U	No	Intel HD 4400	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 64-bit	1-year, Depot	01/15
20DC003JUS	US	i3-4005U	No	Intel HD 4400	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DC003KUS	US	i3-4005U	No	Intel HD 4400	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DC003LUS	US	i3-4005U	No	Intel HD 4400	8GBx1	14" HD (1366x768)	None	1TB 5400rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DC003MUS	US	i3-5005U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 64-bit	1-year, Depot	01/15
20DC003NUS	US	i3-5005U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DC003PUS	US	i3-5005U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	1TB 5400rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DC003QUS	US	i3-5005U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DC003RUS	US	i3-5005U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	1TB 5400rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DC003SUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DC003TUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	1TB 5400rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DC003UUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DC003VUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	1TB 5400rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DC003WUS	US	i3-4005U	No	Intel HD 4400	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC003XUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC003YUS	US	i7-5500U	No	AMD R7 M260 2GB	8GBx1	14" HD (1366x768)	None	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (47Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC0040US	US	i3-4005U	No	Intel HD 4400	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC0041US	US	i3-4005U	No	Intel HD 4400	4GBx1	14" HD (1366x768)	None	1TB 5400rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC0042US	US	i3-4005U	No	Intel HD 4400	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC0043US	US	i3-4005U	No	Intel HD 4400	8GBx1	14" HD (1366x768)	None	1TB 5400rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20DC0044US	US	i3-5005U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC0045US	US	i3-5005U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC0046US	US	i3-5005U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	1TB 5400rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC0047US	US	i3-5005U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC0048US	US	i3-5005U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC0049US	US	i3-5005U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	1TB 5400rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004CUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004DUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004EUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" FHD (1920x1080)	None	500GB 7200rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004FUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" FHD (1920x1080)	None	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004GUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	1TB 5400rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004HUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	1TB 5400rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004JUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" FHD (1920x1080)	None	1TB 5400rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004KUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004LUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004MUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" FHD (1920x1080)	None	500GB 7200rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004NUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004PUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" FHD (1920x1080)	None	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004QUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	1TB 5400rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004SUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	1TB 5400rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20DC004TUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" FHD (1920x1080)	None	1TB 5400rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004UUS	US	i7-5500U	No	AMD R7 M260 2GB	4GBx1	14" FHD (1920x1080)	None	500GB 7200rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (47Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004VUS	US	i7-5500U	No	AMD R7 M260 2GB	4GBx1	14" FHD (1920x1080)	None	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (47Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004WUS	US	i7-5500U	No	AMD R7 M260 2GB	4GBx1	14" HD (1366x768)	None	1TB 5400rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (47Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004XUS	US	i7-5500U	No	AMD R7 M260 2GB	4GBx1	14" FHD (1920x1080)	None	1TB 5400rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (47Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC004YUS	US	i7-5500U	No	AMD R7 M260 2GB	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (47Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC0050US	US	i7-5500U	No	AMD R7 M260 2GB	8GBx1	14" FHD (1920x1080)	None	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (47Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC0051US	US	i7-5500U	No	AMD R7 M260 2GB	8GBx1	14" FHD (1920x1080)	None	1TB 5400rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (47Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC0099US	US	i7-5500U	No	AMD R7 M260 2GB	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (47Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DC00AVUS	US	i3-4005U	No	Intel HD 4400	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	07/15
20DC00AWUS	US	i7-5500U	No	AMD R7 M260 2GB	4GBx1	14" FHD (1920x1080)	None	500GB 7200rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (47Wh)	65W	Win10 Pro 64	1-year, Depot	07/15
20DC00AXUS	US	i7-5500U	No	AMD R7 M260 2GB	4GBx1	14" FHD (1920x1080)	None	500GB 7200rpm	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (47Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	07/15
20DC00AYUS	US	i7-5500U	No	AMD R7 M260 2GB	8GBx1	14" FHD (1920x1080)	None	192GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (47Wh)	65W	Win10 Pro 64	1-year, Depot	07/15
20DC00B0US	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	07/15
20DC00B1US	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win10 Pro 64	1-year, Depot	07/15
20DC00B2US	US	i3-4005U	No	Intel HD 4400	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win10 Pro 64	1-year, Depot	07/15
20DC00BVUS	US	i3-5005U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	0.3MP	Non-backlit	None	dTPM 1.2	6-cell (47Wh)	45W	Win10 Pro 64	1-year, Depot	08/15
20DC00BWUS	US	i3-5005U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win10 Pro 64	1-year, Depot	08/15
20DC00BXUS	US	i3-5005U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	08/15
20DC00BYUS	US	i3-5005U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	0.3MP	Non-backlit	None	dTPM 1.2	6-cell (47Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	08/15

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20DC00C0US	US	i3-5005U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	192GB SSD	None	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	0.3MP	Non-backlit	None	dTPM 1.2	6-cell (47Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	08/15

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ThinkPad E460 Platform Specifications

Product Specifications Reference (PSREF)

Processor

6th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-6100U	2	4	2.3 GHz	-	3MB	DDR3L-1600	Intel HD Graphics 520
i5-6200U			2.3 GHz	2.8 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		

Graphics

Intel HD Graphics in processor only, or
AMD Radeon R5 M330 Graphics, 2GB DDR3 memory, or
AMD Radeon R7 M360 Graphics, 2GB DDR3 memory,
digital monitor support via HDMI™ (supporting HDCP to output protected content);
supports dual independent displays;
Max resolution: 1920x1080 (HDMI)@60Hz

Chipset

Intel SoC (System on Chip) platform

Memory

16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable,
two 204-pin SO-DIMM sockets

Display

Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight,
220 nits, 16:9 aspect ratio
Some: 14.0" (355mm) FHD (1920x1080) color, anti-glare, LED backlight, IPS,
250 nits, 16:9 aspect ratio

Multi-touch

None

Storage

Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable,
upgradable, Active Protection System™
Some: SSHD with 8GB NAND flash memory

Optical

None

M.2 SSD

None

Ethernet

Gigabit Ethernet Connection

Bluetooth™

Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WLAN

One of the following, configurable by model:

- Intel Dual Band Wireless-AC 3165, 1x1, Wi-Fi + BT combo adapter, M.2 Card
- Intel Dual Band Wireless-AC 8260, 2x2, Wi-Fi + BT combo adapter, M.2 Card
- BCM, Broadcom Wireless-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
- QCA, Qualcomm Wireless-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card

WWAN

None

SIM card

None

Dimensions

Aluminum (WxDxH): 13.35" x 9.41" x 0.90"; 339mm x 239mm x 22.9mm
PC/ABS (WxDxH): 13.35" x 9.41" x 0.96"; 339mm x 239mm x 24.4mm

Weight

From 4.23 lb (1.92kg)

Case color

Graphite black

Case material

Aluminum: Aluminum display cover
PC/ABS: PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic display cover

Smart Card Reader

None

ExpressCard

None

Multicard Reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.0 (one Always On), HDMI, Ethernet (RJ-45),
Lenovo OneLink connector, combo audio / microphone jack

Monitor cable

None

Camera

Some: HD720p resolution, fixed focus

Audio support

HD Audio, Conexant® CX11852 codec, Dolby® Advanced Audio™ /
stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys

UltraNav™

TrackPoint® pointing device and multi-touch with 3+2 buttons click pad

ThinkLight™

None

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

TPM2.0 : Trusted Platform Module, TPM2.0 FW (firmware)
TPM1.2: Trusted Platform Module, TCG 1.2-compliant
TPM : TPM2.0 and TPM1.2

vPro

None

Fingerprint reader

Some: Fingerprint reader on the keyboard bezel, swipe sensor

NFC

None

Battery type

Li-Ion 6-cell (47Wh)

Battery life

6-cell (47Wh): up to 9.0 hr

AC adapter

Some: 45-watt AC adapter (Integrated Graphics)
Some: 65-watt AC adapter (Discrete Graphics)

Preload

Some: No operating system
Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- PC Device Stage
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Some: Windows 10 Pro 64
Some: Windows 10 Home 64

- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Companion
- Lenovo Settings
- ThinkVantage System Update
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Limited warranty

1-year - depot repair service / service upgrades available

Mil-Spec test

None

Environment

EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20ET000YUS	US	i3-6100U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20ET0010US	US	i5-6200U	No	Intel HD 520	8GBx1	14" HD (1366x768)	None	192GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20ET0011US	US	i3-6100U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	6-cell (47Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20ET0012US	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	6-cell (47Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20ET0013US	US	i7-6500U	No	AMD R7 M360 2GB	8GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	Aluminum	720p	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (47Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20ET0014US	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20ET0015US	US	i3-6100U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	192GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20ET0016US	US	i5-6200U	No	Intel HD 520	8GBx1	14" HD (1366x768)	None	192GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	6-cell (47Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20ET0017US	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	192GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	6-cell (47Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20ET0018US	US	i3-6100U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	192GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	6-cell (47Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20ET0019US	US	i7-6500U	No	AMD R7 M360 2GB	8GBx1	14" FHD (1920x1080) IPS	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	Aluminum	720p	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (47Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20ET001AUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	192GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20ET001BUS	US	i7-6500U	No	AMD R7 M360 2GB	8GBx1	14" FHD (1920x1080) IPS	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	Aluminum	720p	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (47Wh)	65W	Win10 Pro 64	1-year, Depot	11/15
20ET001CUS	US	i7-6500U	No	AMD R7 M360 2GB	8GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	Aluminum	720p	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (47Wh)	65W	Win10 Pro 64	1-year, Depot	11/15
20ET004GUS	US	i7-6500U	No	AMD R7 M360 2GB	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	Aluminum	720p	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (47Wh)	65W	Win10 Pro 64	1-year, Depot	04/16
20ET004HUS	US	i7-6500U	No	AMD R7 M360 2GB	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	Aluminum	720p	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (47Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	04/16
20ET004VUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	09/16
20ET004WUS	US	i5-6200U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	Aluminum	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (47Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	09/16
20ET0054US	US	i5-6200U	No	Intel HD 520	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	6-cell (47Wh)	45W	Win10 Pro 64	1-year, Depot	10/16
20ET0055US	US	i5-6200U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	Aluminum	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	6-cell (47Wh)	45W	Win10 Pro 64	1-year, Depot	10/16

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ThinkPad E465 Platform Specifications

Processor

AMD Accelerated Processor A6, A8, or A10 APU

Processor Number	# of Cores	# of Threads	Clock Speed	Max Turbo Frequency	Cache	Memory speed	Graphics
A6-8500P	2	6	1.6 GHz	3.0 GHz	1MB	DDR3L-1600	R5 Graphics
A6-8500P	2	6	1.6 GHz	3.0 GHz	1MB		R5 M330
A8-8600P	4	10	1.6 GHz	3.0 GHz	2MB		R6 M335DX (R6+R5 M330)
A10-8700P	4	10	1.8 GHz	3.2 GHz	2MB		R6 M340DX (R6+R5 M330)

Graphics

AMD Radeon™ R5 Graphics in processor only, or
AMD Radeon R5 M330 Graphics, 2GB DDR3 memory, or
Dual Graphics support for A8 and A10 APU
digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display
Max resolution: 1920x1080 (HDMI)@60Hz

Chipset

AMD SoC (System on Chip) platform

Memory

16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets

Display

Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio
Some: 14.0" (355mm) FHD (1920x1080) color, anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio

Multi-touch

None

Storage

Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™
Some: SSHD with 8GB NAND flash memory

Optical

None

M.2 SSD

None

Ethernet

Gigabit Ethernet Connection

Bluetooth™

Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WLAN

One of the following, configurable by model:

- BCM, Broadcom Wireless-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
- QCA, Qualcomm Wireless-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card

WWAN

None

SIM card

None

Dimensions

Aluminum (WxDxH): 13.35" x 9.41" x 0.90"; 339mm x 239mm x 22.9mm
PC/ABS (WxDxH): 13.35" x 9.41" x 0.96"; 339mm x 239mm x 24.4mm

Weight

From 4.27 lb (1.94kg)

Case color

Graphite black

Case material

Aluminum: Aluminum display cover
PC/ABS: PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic display cover

Smart Card Reader

None

ExpressCard

None

Multicard Reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.0 (one Always On), HDMI, Ethernet (RJ-45), Lenovo OneLink connector, combo audio / microphone jack

Monitor cable

None

Camera

HD720p resolution, fixed focus

Audio support

HD Audio, Conexant® CX11852 codec, Dolby® Advanced Audio™ / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys

UltraNav™

TrackPoint® pointing device and multi-touch with 3+2 buttons click pad

ThinkLight™

None

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

TPM2.0 : Trusted Platform Module, TPM2.0 FW (firmware)
TPM1.2: Trusted Platform Module, TCG 1.2-compliant
TPM : TPM2.0 and TPM1.2

vPro

None

Fingerprint reader

Some: Fingerprint reader on the keyboard bezel, swipe sensor

NFC

None

Battery type

Li-Ion 6-cell (47Wh)

Battery life

Up to 6.5 hr

AC adapter

Some: 45-watt AC adapter (Integrated Graphics)
Some: 65-watt AC adapter (Discrete Graphics)

Preload

Some: No operating system
Some: Windows® 7 Professional 64
Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- PC Device Stage
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Some: Windows 10 Pro 64
Some: Windows 10 Home 64

- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Companion
- Lenovo Settings
- ThinkVantage System Update
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Limited warranty

1-year - depot repair service / service upgrades available

Environment

EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20EX0008US	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	4GBx1	14" HD (1366x768)	None	500GB 5400rpm	None	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (47Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EX0009US	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	14" HD (1366x768)	None	192GB SSD	None	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (47Wh)	65W	Win10 Pro 64	1-year, Depot	11/15
20EX000AUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	4GBx1	14" HD (1366x768)	None	500GB 5400rpm	None	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (47Wh)	65W	Win10 Pro 64	1-year, Depot	11/15
20EX000BUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	14" HD (1366x768)	None	500GB 5400rpm	None	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (47Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EX000CUS	US	AMD A6-8500P	No	AMD R5 Graphics	4GBx1	14" HD (1366x768)	None	500GB 5400rpm	None	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	6-cell (47Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EX000DUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	14" HD (1366x768)	None	500GB 5400rpm	None	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (47Wh)	65W	Win10 Pro 64	1-year, Depot	11/15
20EX000EUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	14" HD (1366x768)	None	192GB SSD	None	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (47Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EX001JUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	4GBx1	14" FHD (1920x1080) IPS	None	500GB 5400rpm	None	QCA435 ac, 1x1 + BT4.0	None	None	Black	Aluminum	720p	Non-backlit	None	FW TPM 2.0	6-cell (47Wh)	65W	Win10 Pro 64	1-year, Depot	06/16
20EX001KUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	14" FHD (1920x1080) IPS	None	192GB SSD	None	QCA435 ac, 1x1 + BT4.0	None	None	Black	Aluminum	720p	Non-backlit	None	FW TPM 2.0	6-cell (47Wh)	65W	Win10 Pro 64	1-year, Depot	06/16
20EX001LUS	US	AMD A6-8500P	No	AMD R5 Graphics	4GBx1	14" HD (1366x768)	None	500GB 5400rpm	None	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	6-cell (47Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	06/16
20EX001MUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	14" HD (1366x768)	None	192GB SSD	None	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (47Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	06/16
20EX001NUS	US	AMD A6-8500P	No	AMD R5 Graphics	4GBx1	14" HD (1366x768)	None	500GB 5400rpm	None	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	6-cell (47Wh)	45W	Win10 Pro 64	1-year, Depot	06/16
20EX001PUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	14" HD (1366x768)	None	500GB 5400rpm	None	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (47Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	06/16
20EX001QUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	14" FHD (1920x1080) IPS	None	500GB 5400rpm	None	QCA435 ac, 1x1 + BT4.0	None	None	Black	Aluminum	720p	Non-backlit	None	FW TPM 2.0	6-cell (47Wh)	65W	Win10 Pro 64	1-year, Depot	06/16
20EX001RUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	4GBx1	14" HD (1366x768)	None	500GB 5400rpm	None	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (47Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	06/16

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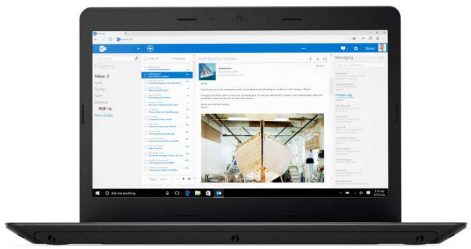

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ThinkPad E470 Platform Specifications

Processor

6th or 7th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520

Graphics

Intel HD Graphics in processor only, or
NVIDIA GeForce 920MX Graphics, 2GB DDR3 memory, or
NVIDIA GeForce 940MX Graphics, 2GB DDR3 memory,
digital monitor support via HDMI™ (supporting HDCP to output protected content);
supports dual independent displays;
Max resolution: 1920x1080 (HDMI)@60Hz

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / PC4-19200 2400MHz DDR4, non-parity, dual-channel capable,
two 260-pin SO-DIMM sockets
*System automatically clocks down with 1866MHz DDR4 memory controller

Display

Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight,
220 nits, 16:9 aspect ratio, 400:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS,
250 nits, 16:9 aspect ratio, 400:1 contrast ratio

Multi-touch

None

Storage

Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable,
upgradable, Active Protection System™

M.2 SSD

None

Optical

None

Ethernet

Gigabit Ethernet Connection, Realtek R8111GUS

WLAN

One of the following, configurable by model:

- Intel Dual Band Wireless-AC 8265, 2x2, Wi-Fi + BT combo adapter, M.2 Card
- QCA, Qualcomm 344A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card
- QCA, Qualcomm 435-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card

Bluetooth™

Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN

None

SIM card

None

Smart Card Reader

None

ExpressCard

None

Dock

None

Multicard Reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.0 (one Always On), one USB 2.0, HDMI, Ethernet (RJ-45),
combo audio / microphone jack

Monitor cable

None

Dimensions

Aluminum (WxDxH): 13.35" x 9.53" x 0.88"; 339mm x 242mm x 22.4mm
PC/ABS (WxDxH): 13.35" x 9.53" x 0.93"; 339mm x 242mm x 23.7mm

Weight

From 4.12 lb (1.87kg)

Case color

Black, Silver, Gold

Case material

Aluminum: Aluminum display cover
PC/ABS: PolyCarbonate/Acrylonitrile-Butadiene-Styrene display cover

Camera

Some: HD720p resolution, fixed focus

Audio support

HD Audio, Conexant® CX11852 codec, Dolby® Audio™ Premium /
stereo speakers, 2W x 2 / dual array microphone,
combo audio / microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys

UltraNav™

TrackPoint® pointing device and multi-touch with 3+2 buttons click pad

ThinkLight™

None

Fingerprint reader

Some: Fingerprint reader on the keyboard bezel, swipe sensor

NFC

None

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

FW TPM 2.0: Firmware TPM 2.0, integrated in chipset
dTPM 2.0: Discrete TPM 2.0, TCG Certified

vPro

No

Battery type

Li-Polymer 3-cell (45Wh)

Battery life

3-cell (45Wh): up to 8.4 hr

AC adapter

Some: 45-watt AC adapter
Some: 65-watt AC adapter
Some: 90-watt AC adapter

Preload

Some: Windows 10 Pro 64
Some: Windows 10 Home 64
Some: No operating system

- Lenovo Companion
- Lenovo Settings
- Microsoft Office preloaded;
  purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Limited warranty

1-year - depot repair service / service upgrades available

Mil-Spec test

None

Environment

EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20H10038US	US	i3-7100U	No	Intel HD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	11ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	6-cell (45Wh)	45W	Windows 10 Pro 64	1-year, Depot	09/16
20H10039US	US	i5-7200U	No	Intel HD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	11ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	6-cell (45Wh)	45W	Windows 10 Pro 64	1-year, Depot	09/16
20H1003AUS	US	i5-7200U	No	Intel HD 620	8GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	11ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	6-cell (45Wh)	45W	Windows 10 Pro 64	1-year, Depot	09/16
20H1003DUS	US	i3-6006U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	11ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	3-cell (45Wh)	45W	Windows 10 Pro 64	1-year, Depot	11/16
20H1004RUS	US	i7-7500U	No	940MX 2GB	8GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (45Wh)	65W	Windows 10 Pro 64	1-year, Depot	09/16
20H1004SUS	US	i5-7200U	No	Intel HD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	11ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	6-cell (45Wh)	45W	Windows 10 Pro 64	1-year, Depot	09/16
20H1004TUS	US	i7-7500U	No	940MX 2GB	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (45Wh)	65W	Windows 10 Pro 64	1-year, Depot	09/16
20H10059US	US	i3-7100U	No	Intel HD 620	4GBx1	14" HD (1366x768)	None	180GB SSD Opal2	None	11ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	3-cell (45Wh)	45W	Windows 10 Pro 64	1-year, Depot	01/17
20H1005AUS	US	i5-7200U	No	Intel HD 620	4GBx1	14" HD (1366x768)	None	180GB SSD Opal2	None	11ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	3-cell (45Wh)	45W	Windows 10 Pro 64	1-year, Depot	01/17
20H1005BUS	US	i5-7200U	No	Intel HD 620	8GBx1	14" HD (1366x768)	None	180GB SSD Opal2	None	11ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	3-cell (45Wh)	45W	Windows 10 Pro 64	1-year, Depot	01/17

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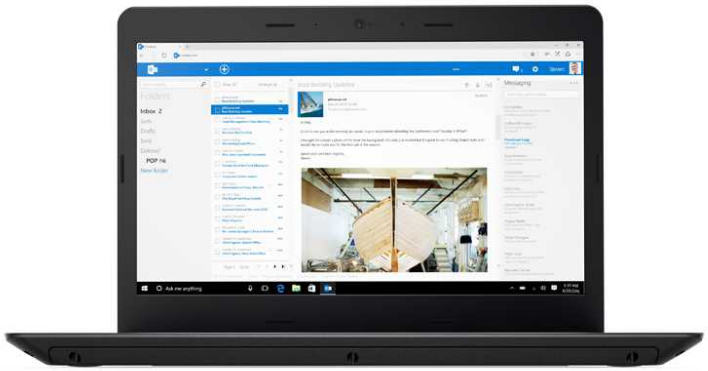

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ThinkPad E475 Platform Specifications

Processor

AMD Accelerated Processor A6, or A10 APU

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
A6-9500B	2	4	2.3 GHz	3.2 GHz	2MB	DDR4-1866	R5 Graphics
A10-9600P	4	8	2.4 GHz	3.3 GHz	2MB		

Graphics

AMD Radeon™ R5 Graphics in processor only, or
AMD Radeon R5 M430 Graphics, 2GB DDR3 memory, or
digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent displays;
Max resolution: 1920x1080 (HDMI)@60Hz

Chipset

AMD SoC (System on Chip) platform

Memory

32GB max / PC4-19200 2400MHz DDR4, non-parity, dual-channel capable, two 260-pin SO-DIMM sockets
*System automatically clocks down with 1866MHz DDR4 memory controller

Display

Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio

Multi-touch

None

Storage

Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™

M.2 SSD

None

Optical

None

Ethernet

Gigabit Ethernet Connection, Realtek R8111GUS

WLAN

One of the following, configurable by model:

- QCA, Qualcomm 344A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card
- QCA, Qualcomm 435-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card

Bluetooth™

Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN

None

SIM card

None

Smart Card Reader

None

ExpressCard

None

Dock

None

Multicard Reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.0 (one Always On), one USB 2.0, HDMI, Ethernet (RJ-45), combo audio / microphone jack

Monitor cable

None

Dimensions

PC/ABS (WxDxH): 13.35" x 9.53" x 0.93"; 339mm x 242mm x 23.7mm

Weight

From 4.12 lb (1.87kg)

Case color

Black

Case material

PC/ABS: PolyCarbonate/Acrylonitrile-Butadiene-Styrene display cover

Camera

HD720p resolution, fixed focus

Audio support

HD Audio, Conexant® CX11852 codec, Dolby® Audio™ Premium / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys

UltraNav™

TrackPoint® pointing device and multi-touch with 3+2 buttons click pad

ThinkLight™

None

Fingerprint reader

None

NFC

None

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

FW TPM2.0: Firmware TPM 2.0, integrated in chipset
dTPM2.0: Discrete TPM 2.0, TCG Certified

vPro

No

Battery type

Li-Polymer 3-cell (45Wh)

Battery life

3-cell (45Wh): up to 6.5 hr

AC adapter

Some: 45-watt AC adapter
Some: 65-watt AC adapter

Preload

Some: Windows 10 Pro 64
Some: Windows 10 Home 64
Some: No operating system

- Lenovo Companion
- Lenovo Settings
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Limited warranty

1-year - depot repair service / service upgrades available

Mil-Spec test

None

Environment

EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20H40006US	US	AMD A6-9500B	No	AMD R5 Graphics	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	QCA435ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 2.0	3-cell (45Wh)	45W	Windows 10 Pro 64	1-year, Depot	11/16
20H40007US	US	AMD A10-9600P	No	AMD R5 M430 2GB	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	QCA435ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	3-cell (45Wh)	65W	Windows 10 Pro 64	1-year, Depot	11/16
20H40008US	US	AMD A10-9600P	No	AMD R5 M430 2GB	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	QCA435ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	3-cell (45Wh)	65W	Windows 10 Pro 64	1-year, Depot	11/16
20H40009US	US	AMD A6-9500B	No	AMD R5 Graphics	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	QCA435ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 2.0	3-cell (45Wh)	45W	Windows 10 Pro 64	1-year, Depot	11/16
20H4000AUS	US	AMD A10-9600P	No	AMD R5 M430 2GB	8GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	QCA435ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	3-cell (45Wh)	65W	Windows 10 Pro 64	1-year, Depot	11/16
20H4000DUS	US	AMD A10-9600P	No	AMD R5 M430 2GB	8GBx1	14" HD (1366x768)	None	180GB SSD Opal2	None	QCA435ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	3-cell (45Wh)	65W	Windows 10 Pro 64	1-year, Depot	01/17

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ThinkPad E550 Platform Specifications

Product Specifications Reference (PSREF)

Processor

4th or 5th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory speed	Processor Graphics
i3-4005U	2	4	1.7 GHz	-	3MB	DDR3L-1600	HD4400
i3-5005U	2	4	2.0 GHz	-	3MB		HD5500
i3-5015U	2	4	2.1 GHz		3MB		HD5500
i5-5200U	2	4	2.2 GHz	2.7 GHz	3MB		HD5500
i7-5500U	2	4	2.4 GHz	3.0 GHz	4MB		HD5500

Graphics

Intel HD Graphics in processor only, or
AMD Radeon R7 M260 Graphics, 2GB DDR3 memory,
external analog monitor support via VGA DB-15 connector and
digital monitor support via HDMI™ (supporting HDCP to output protected content);
supports dual independent display
Max resolution: 1920x1080 (HDMI)@60Hz

Chipset

Intel SoC (System on Chip) platform

Memory

16GB max[7] / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable,
two 204-pin SO-DIMM sockets

Display

*S*ome: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight,
200 nits, 16:9 aspect ratio
Some: 15.6" (396mm) FHD (1920x1080) color, anti-glare, LED backlight,
220 nits, 16:9 aspect ratio

Multi-touch

Some: supports 10-finger gesture

Storage

Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable,
upgradable, Shock Mounted Hard Drive, Active Protection System™
Some: Hybrid drive with 8GB NAND flash memory

Optical

Some: DVD burner, 9.0mm high, removable
Some: Blank Bezel

M.2 SSD

None

Ethernet

Intel WGI218V Gigabit Ethernet Connection

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WLAN

One of the following, configurable by model:

- Intel Wireless-AC 3160, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
- Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT combo adapter, M.2 Card
- RTL8723BE, Realtek 11b/g/n, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
- BCM43162, Broadcom 11-AC, 1x1, Wi-Fi + BT combo adapter, M.2 Card

WWAN

None

SIM card

None

Smart Card Read

None

ExpressCard

None

Dimensions

None Touch(WxDxH): 14.84" x 10.08" x 1.06"; 377mm x 256mm x 27mm

Weight

6-cell None Touch: from 5.21 lb (2.35kg)

Case color

Graphite Black

Case material

PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic

Multicard Reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.0 (one Always On), one USB 2.0, Ethernet (RJ-45),
external monitor (VGA DB-15, HDMI), Lenovo OneLink connector

Monitor cable

None

Camera

Some: 0.3-megapixel, fixed focus
Some: HD720p resolution, fixed focus
Some: 3D camera, Intel RealSense™ 3D Camera with MIC

Audio support

HD Audio, Conexant® CX20751 codec, Dolby® Advanced Audio™ v4 /
stereo speakers or JBL speakers, 2W x 2 / dual array microphone,
combo audio / microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad

UltraNav™

TrackPoint® pointing device and multi-touch with 3+2 buttons click pad

ThinkLight™

None

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Some: Trusted Platform Module, TCG 1.2-compliant

vPro

None

Fingerprint reader

Some: Fingerprint reader on the keyboard bezel, swipe sensor

NFC

None

Battery type

Li-Ion 6-cell (48Wh)

Battery life

6-cell (48Wh): up to 9.0 hr

AC adapter

Some: 45-watt AC adapter (Integrated Graphics)
Some: 65-watt AC adapter (Discrete Graphics)

Preload

Some: No operating system

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit

- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Microsoft® Office preloaded; purchase a product key to activate
- Norton™ Internet Security (30 days of virus definitions)

Some: Windows 8.1 64-bit
Some: Windows 8.1 Pro 64-bit

- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo Companion
- ThinkVantage System Update
- Evernote
- Maxthon Cloud Browser
- Norton Studio
- Microsoft Office preloaded; purchase a product key to activate
- Norton Internet Security (30 days of virus definitions)

Some: Windows 7 Professional preinstalled through downgrade rights in Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™

Some: Windows 10 Pro 64
Some: Windows 10 Home 64

- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo Companion
- Microsoft Office preloaded; purchase a product key to activate
- McAfee LiveSafe (30 days of virus definitions)

Limited warranty

1-year - depot repair service / service upgrades available

Environment

EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20DF002WUS	US	i3-5005U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 64-bit	1-year, Depot	01/15
20DF002XUS	US	i7-5500U	No	AMD R7 M260 2GB	8GBx1	15.6" HD (1366x768)	None	128GB SSD	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (48Wh)	65W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DF002YUS	US	i3-4005U	No	Intel HD 4400	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF0030US	US	i5-5200U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF0031US	US	i7-5500U	No	AMD R7 M260 2GB	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (48Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF0032US	US	i7-5500U	No	AMD R7 M260 2GB	8GBx1	15.6" HD (1366x768)	None	128GB SSD	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (48Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF0033US	US	i3-4005U	No	Intel HD 4400	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 64-bit	1-year, Depot	01/15
20DF0034US	US	i3-4005U	No	Intel HD 4400	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF0035US	US	i3-4005U	No	Intel HD 4400	4GBx1	15.6" HD (1366x768)	None	1TB 5400rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF0036US	US	i3-4005U	No	Intel HD 4400	8GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF0037US	US	i3-4005U	No	Intel HD 4400	8GBx1	15.6" HD (1366x768)	None	1TB 5400rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF0038US	US	i3-5005U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF0039US	US	i3-5005U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003AUS	US	i3-5005U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	1TB 5400rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003BUS	US	i3-5005U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	1TB 5400rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003CUS	US	i3-5005U	No	Intel HD 5500	8GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003DUS	US	i3-5005U	No	Intel HD 5500	8GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003EUS	US	i3-5005U	No	Intel HD 5500	8GBx1	15.6" HD (1366x768)	None	1TB 5400rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003FUS	US	i5-5200U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003GUS	US	i5-5200U	No	Intel HD 5500	4GBx1	15.6" FHD (1920x1080)	None	500GB 7200rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20DF003HUS	US	i5-5200U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	128GB SSD	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003JUS	US	i5-5200U	No	Intel HD 5500	4GBx1	15.6" FHD (1920x1080)	None	128GB SSD	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003KUS	US	i5-5200U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	1TB 5400rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003LUS	US	i5-5200U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	1TB 5400rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003MUS	US	i5-5200U	No	Intel HD 5500	4GBx1	15.6" FHD (1920x1080)	None	1TB 5400rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003NUS	US	i5-5200U	No	Intel HD 5500	8GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003PUS	US	i5-5200U	No	Intel HD 5500	8GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003QUS	US	i5-5200U	No	Intel HD 5500	8GBx1	15.6" FHD (1920x1080)	None	500GB 7200rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003RUS	US	i5-5200U	No	Intel HD 5500	8GBx1	15.6" HD (1366x768)	None	128GB SSD	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003SUS	US	i5-5200U	No	Intel HD 5500	8GBx1	15.6" FHD (1920x1080)	None	128GB SSD	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003TUS	US	i5-5200U	No	Intel HD 5500	8GBx1	15.6" HD (1366x768)	None	1TB 5400rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003UUS	US	i5-5200U	No	Intel HD 5500	8GBx1	15.6" HD (1366x768)	None	1TB 5400rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003VUS	US	i5-5200U	No	Intel HD 5500	8GBx1	15.6" FHD (1920x1080)	None	1TB 5400rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003WUS	US	i7-5500U	No	AMD R7 M260 2GB	4GBx1	15.6" FHD (1920x1080)	None	500GB 7200rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (48Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003XUS	US	i7-5500U	No	AMD R7 M260 2GB	4GBx1	15.6" FHD (1920x1080)	None	128GB SSD	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (48Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF003YUS	US	i7-5500U	No	AMD R7 M260 2GB	4GBx1	15.6" FHD (1920x1080)	None	1TB 5400rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (48Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF0040US	US	i7-5500U	No	AMD R7 M260 2GB	8GBx1	15.6" FHD (1920x1080)	None	500GB 7200rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (48Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF0041US	US	i7-5500U	No	AMD R7 M260 2GB	8GBx1	15.6" FHD (1920x1080)	None	128GB SSD	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (48Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF0042US	US	i7-5500U	No	AMD R7 M260 2GB	8GBx1	15.6" FHD (1920x1080)	None	1TB 5400rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (48Wh)	65W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DF0043US	US	i3-4005U	No	Intel HD 4400	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20DF0044US	US	i3-4005U	No	Intel HD 4400	8GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DF0045US	US	i3-4005U	No	Intel HD 4400	8GBx1	15.6" HD (1366x768)	None	1TB 5400rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DF0046US	US	i3-4005U	No	Intel HD 4400	8GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DF0047US	US	i3-5005U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DF0048US	US	i3-5005U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	1TB 5400rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DF0049US	US	i3-5005U	No	Intel HD 5500	8GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DF004AUS	US	i3-5005U	No	Intel HD 5500	8GBx1	15.6" HD (1366x768)	None	1TB 5400rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DF004BUS	US	i5-5200U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DF004CUS	US	i5-5200U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	1TB 5400rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DF004DUS	US	i5-5200U	No	Intel HD 5500	8GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DF004EUS	US	i5-5200U	No	Intel HD 5500	8GBx1	15.6" HD (1366x768)	None	1TB 5400rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win8.1 Pro 64-bit	1-year, Depot	01/15
20DF00BXUS	US	i3-4005U	No	Intel HD 4400	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	07/15
20DF00BYUS	US	i7-5500U	No	AMD R7 M260 2GB	8GBx1	15.6" FHD (1920x1080)	None	500GB 7200rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	07/15
20DF00C0US	US	i3-4005U	No	Intel HD 4400	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	07/15
20DF00C1US	US	i7-5500U	No	AMD R7 M260 2GB	8GBx1	15.6" FHD (1920x1080)	None	192GB SSD	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	07/15
20DF00C2US	US	i5-5200U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	07/15
20DF00C3US	US	i7-5500U	No	AMD R7 M260 2GB	8GBx1	15.6" FHD (1920x1080)	None	500GB 7200rpm	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	None	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	07/15
20DF00C4US	US	i5-5200U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	07/15
20DF00CAUS	US	i7-5500U	No	AMD R7 M260 2GB	8GBx1	15.6" FHD (1920x1080)	None	192GB SSD	DVD±RW	Intel 7265 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	3D Camera	Non-backlit	Fingerprint Reader	None	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	07/15
20DF00CQUS	US	i3-5005U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	08/15

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20DF00EDUS	US	i3-5005U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	0.3MP	Non-backlit	None	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	08/15
20DF00EEUS	US	i3-5005U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	0.3MP	Non-backlit	None	dTPM 1.2	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	08/15
20DF00EFUS	US	i3-5005U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	08/15
20DF00EGUS	US	i3-5005U	No	Intel HD 5500	4GBx1	15.6" HD (1366x768)	None	192GB SSD	DVD±RW	Intel 3160 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	0.3MP	Non-backlit	None	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	08/15

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ThinkPad E560 Platform Specifications

Processor

6th Generation Intel® Core™ i3 / i5 / i7 Processor and Celeron Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3855U	2	2	1.6 GHz	-	2MB	DDR3L-1600	Intel HD Graphics 510
i3-6100U	2	4	2.3 GHz	-	3MB	DDR3L-1600	Intel HD Graphics 520
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	DDR3L-1600	Intel HD Graphics 520
i7-6500U	2	4	2.5 GHz	3.1 GHz	4MB	DDR3L-1600	Intel HD Graphics 520

Graphics

Intel HD Graphics in processor only, or
AMD Radeon R7 M370 Graphics, 2GB GDDR5 memory,
external analog monitor support via VGA DB-15 connector and
digital monitor support via HDMI™ (supporting HDCP to output protected content);
supports dual independent displays;
Max resolution: 1920x1080 (HDMI)@60Hz

Chipset

Intel SoC (System on Chip) platform

Memory

16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable,
two 204-pin SO-DIMM sockets

Display

*S*ome: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight,
220 nits, 16:9 aspect ratio
Some: 15.6" (396mm) FHD (1920x1080) color, anti-glare, LED backlight, IPS,
250 nits, 16:9 aspect ratio

Multi-touch

None

Storage

Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable,
upgradable, Active Protection System™
Some: SSHD with 8GB NAND flash memory

Optical

Some: DVD burner, 9.0mm high, removable
Some: Blank Bezel

M.2 SSD

None

Ethernet

Gigabit Ethernet Connection

Bluetooth™

Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WLAN

One of the following, configurable by model:

- Intel Dual Band Wireless-AC 3165, 1x1, Wi-Fi + BT combo adapter, M.2 Card
- Intel Dual Band Wireless-AC 8260, 2x2, Wi-Fi + BT combo adapter, M.2 Card
- BCM, Broadcom Wireless-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
- QCA, Qualcomm Wireless-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card

WWAN

None

SIM card

None

Dimensions

All (WxDxH): 14.84" x 10.04" x 1.07"; 377mm x 255mm x 27.1mm

Weight

From 5.39 lb (2.45kg)

Case color

Graphite Black

Case material

PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic display cover

Smart Card Reader

None

ExpressCard

None

Multicard Reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.0 (one Always On), VGA, HDMI, Ethernet (RJ-45),
Lenovo OneLink connector, combo audio/microphone jack

Monitor cable

None

Camera

Some: HD720p resolution, fixed focus
Some: 3D camera, Intel RealSense™ 3D Camera with MIC

Audio support

HD Audio, Conexant® CX11852 codec, Dolby® Advanced Audio™ /
stereo speakers or JBL speakers, 2W x 2 / dual array microphone,
combo audio / microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad

UltraNav™

TrackPoint® pointing device and multi-touch with 3+2 buttons click pad

ThinkLight™

None

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

TPM2.0 : Trusted Platform Module, TPM2.0 FW (firmware)
TPM1.2: Trusted Platform Module, TCG 1.2-compliant
TPM : TPM2.0 and TPM1.2

vPro

None

Fingerprint reader

Some: Fingerprint reader on the keyboard bezel, swipe sensor

NFC

None

Battery type

Li-Ion 6-cell (48Wh)

Battery life

6-cell (48Wh): up to 9.0 hr

AC adapter

Some: 45-watt AC adapter (Integrated Graphics)
Some: 65-watt AC adapter (Discrete Graphics)

Preload

Some: No operating system
Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- PC Device Stage
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Some: Windows 10 Pro 64
Some: Windows 10 Home 64

- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Companion
- Lenovo Settings
- ThinkVantage System Update
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Limited warranty

1-year - depot repair service / service upgrades available

Mil-Spec test

None

Environment

EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20EV0027US	US	i7-6500U	No	AMD R7 M370 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	192GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	3D Camera	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	11/15
20EV002DUS	US	i3-6100U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EV002EUS	US	i3-6100U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	192GB SSD	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EV002FUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EV002GUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	192GB SSD	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EV002HUS	US	i5-6200U	No	Intel HD 520	8GBx1	15.6" HD (1366x768)	None	192GB SSD	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EV002JUS	US	i7-6500U	No	AMD R7 M370 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	DVD±RW	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EV002KUS	US	i7-6500U	No	AMD R7 M370 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	192GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EV002LUS	US	i3-6100U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20EV002MUS	US	i3-6100U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	192GB SSD	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20EV002NUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20EV002PUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	192GB SSD	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20EV002QUS	US	i5-6200U	No	Intel HD 520	8GBx1	15.6" HD (1366x768)	None	192GB SSD	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20EV002RUS	US	i7-6500U	No	AMD R7 M370 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	DVD±RW	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	11/15
20EV002SUS	US	i7-6500U	No	AMD R7 M370 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	192GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	11/15
20EV003EUS	US	i7-6500U	No	AMD R7 M370 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	04/16
20EV003FUS	US	i7-6500U	No	AMD R7 M370 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	FW TPM 2.0	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	04/16
20EV003VUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	09/16
20EV003WUS	US	i5-6200U	No	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	09/16
20EV0043US	US	i5-6200U	No	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	11/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20EVA05UUS	US	i5-6200U	No	Intel HD 520	8GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	Fingerprint Reader	dTPM1.2 + FW TPM2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	10/16

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ThinkPad E565 Platform Specifications

Processor

AMD Accelerated Processor A6, A8, A10, or FX APU

Processor Number	# of Cores	# of Threads	Clock Speed	Max Turbo Frequency	Cache	Memory speed	Graphics
A6-8500P	2	6	1.6 GHz	3.0 GHz	1MB	DDR3L-1600	R5 Graphics
A8-8600P	4	10	1.6 GHz	3.0 GHz	2MB		R6 Graphics
A8-8600P	4	10	1.6 GHz	3.0 GHz	2MB		R6 M335DX (R6+R5 M330)
A10-8700P	4	10	1.8 GHz	3.2 GHz	2MB		R6 M340DX (R6+R5 M330)
FX-8800P	4	12	2.1 GHz	3.4 GHz	2MB		R8 M350DX (R7+R5 M330)

Graphics

AMD Radeon™ R5 or R6 Graphics in processor only, or
AMD Radeon R5 M330 Graphics, 2GB DDR3 memory, or
Dual Graphics support for A8, A10 and FX APU
external analog monitor support via VGA DB-15 connector and
digital monitor support via HDMI™ (supporting HDCP to output protected content);
supports dual independent display

Chipset

AMD SoC (System on Chip) platform

Memory

16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable,
two 204-pin SO-DIMM sockets

Display

Some: **15.6"** (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio
Some: **15.6"** (396mm) FHD (1920x1080) color, anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio

Multi-touch

None

Storage

Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™
Some: SSHD with 8GB NAND flash memory

Optical

Some: DVD burner, 9.0mm high, removable
Some: Blank Bezel

M.2 SSD

None

Ethernet

Gigabit Network Connection

Bluetooth™

Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WLAN

One of the following, configurable by model:

- BCM, Broadcom Wireless-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
- QCA, Qualcomm Wireless-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card

WWAN

None

SIM card

None

Dimensions

All (WxDxH): 14.84" x 10.04" x 1.07"; 377mm x 255mm x 27.1mm

Weight

From 5.46 lb (2.48kg)

Case color

Graphite black

Case material

PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic display cover

Smart Card Reader

None

ExpressCard

None

Multicard Reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.0 (one Always On), VGA, HDMI, Ethernet (RJ-45),
Lenovo OneLink connector, combo audio/microphone jack

Monitor cable

None

Camera

HD720p resolution, fixed focus

Audio support

HD Audio, Conexant® CX11852 codec, Dolby® Advanced Audio™ /
stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad

UltraNav™

TrackPoint® pointing device and multi-touch with 3+2 buttons click pad

ThinkLight™

None

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

TPM2.0 : Trusted Platform Module, TPM2.0 FW (firmware)
TPM1.2: Trusted Platform Module, TCG 1.2-compliant
TPM : TPM2.0 and TPM1.2

vPro

None

Fingerprint reader

Some: Fingerprint reader on the keyboard bezel, swipe sensor

NFC

None

Battery type

Li-Ion 6-cell (48Wh)

Battery life

Up to 6.5 hr

AC adapter

Some: 45-watt AC adapter (Integrated Graphics)
Some: 65-watt AC adapter (Discrete Graphics)

Preload

Some: No operating system
Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- PC Device Stage
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Some: Windows 10 Pro 64
Some: Windows 10 Home 64

- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Companion
- Lenovo Settings
- ThinkVantage System Update
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Limited warranty

1-year - depot repair service / service upgrades available

Environment

EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20EY0006US	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 5400rpm	DVD±RW	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	11/15
20EY0007US	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	4GBx1	15.6" FHD (1920x1080) IPS	None	192GB SSD	DVD±RW	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	11/15
20EY0008US	US	AMD A6-8500P	No	AMD R5 Graphics	8GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EY0009US	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	11/15
20EY000AUS	US	AMD A6-8500P	No	AMD R5 Graphics	4GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EY000BUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EY000CUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	4GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EY000DUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	192GB SSD	DVD±RW	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EY000EUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 5400rpm	DVD±RW	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EY000FUS	US	AMD A6-8500P	No	AMD R5 Graphics	8GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20EY000GUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	4GBx1	15.6" FHD (1920x1080) IPS	None	192GB SSD	DVD±RW	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	11/15
20EY000HUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	192GB SSD	DVD±RW	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	11/15
20EY000JUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	4GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	11/15
20EY000KUS	US	AMD A6-8500P	No	AMD R5 Graphics	4GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	BCM43162 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20EY001EUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	06/16
20EY001FUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 5400rpm	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	06/16
20EY001GUS	US	AMD A6-8500P	No	AMD R5 Graphics	4GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	06/16
20EY001HUS	US	AMD A6-8500P	No	AMD R5 Graphics	8GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM1.2 + FW TPM2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	06/16
20EY001JUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	192GB SSD	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	06/16
20EY001KUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 5400rpm	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	06/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20EY001LUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	4GBx1	15.6" FHD (1920x1080) IPS	None	192GB SSD	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	06/16
20EY001MUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	4GBx1	15.6" FHD (1920x1080) IPS	None	500GB 5400rpm	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	06/16
20EY001NUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	4GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 DG Win7 Pro 64	1-year, Depot	06/16
20EY001PUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	06/16
20EY001QUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	4GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	06/16
20EY001RUS	US	AMD A6-8500P	No	AMD R5 Graphics	8GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	06/16
20EY001SUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	192GB SSD	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	06/16
20EY001TUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	4GBx1	15.6" FHD (1920x1080) IPS	None	192GB SSD	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	06/16
20EY001UUS	US	AMD A10-8700P	No	AMD R6 M340DX 2GB	4GBx1	15.6" FHD (1920x1080) IPS	None	500GB 5400rpm	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	06/16
20EY001VUS	US	AMD A6-8500P	No	AMD R5 Graphics	4GBx1	15.6" HD (1366x768)	None	500GB 5400rpm	DVD±RW	QCA435 ac, 1x1 + BT4.0	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	06/16

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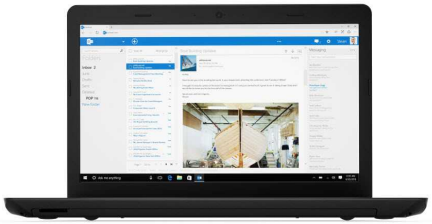

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ThinkPad E570 Platform Specifications

Processor — 7th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		

Graphics
Intel HD Graphics in processor only, or
NVidia GeForce 940MX Graphics, 2GB DDR5 memory, or
NVidia GeForce GTX 950MX Graphics, 2GB DDR5 memory,
external analog monitor support via VGA DB-15 connector and
digital monitor support via HDMI™ (supporting HDCP to output protected content);
supports dual independent displays;
Max resolution: 1920x1080 (HDMI)@60Hz

Memory
32GB max / PC4-19200 2400MHz DDR4, non-parity, dual-channel capable,
two 260-pin SO-DIMM sockets

Display
Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight,
220 nits, 16:9 aspect ratio, 400:1 contrast ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS,
250 nits, 16:9 aspect ratio, 600:1 contrast ratio

Multi-touch
None

Storage
Some: M.2 SSD / SATA 6.0Gb/s
Some: M.2 SSD / PCIe NVMe
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable,
upgradable, Active Protection System™

Optical
Some: DVD burner, 9.0mm high, removable
Some: Blank Bezel

Ethernet
Gigabit Ethernet Connection, Realtek R8111GUS

WLAN
One of the following, configurable by model:
- Intel Dual Band Wireless-AC 8265, 2x2, Wi-Fi + BT combo adapter, M.2 Card
- QCA, Qualcomm 344A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card
- QCA, Qualcomm 435-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card

Bluetooth™
Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN
None

SIM card
None

Smart Card Reader
None

ExpressCard
None

Dock
None

Multicard Reader
4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports
Two USB 3.0, one USB 2.0 (Always On), VGA, HDMI, Ethernet (RJ-45),
combo audio / microphone jack,
optional one USB 3.1 Type-C (standard for i5, i7 models in EMEA)

Monitor cable
None

Dimensions
Aluminum (WxDxH): 14.92" x 10.28" x 0.94" 379mm x 261mm x 23.9mm
PC/ABS (WxDxH): 14.92" x 10.28" x 1.00"; 379mm x 261mm x 25.4mm

Weight
From 5.07 lb (2.30kg)

Case color
LCD Rear : Black, Silver, Gold
Base Cover: Black
Top Cover: Black, Silver

Case material (*LCD Rear*)
Aluminum: Aluminum display cover
PC/ABS: PolyCarbonate/Acrylonitrile-Butadiene-Styrene display cover

Camera
Some: HD720p resolution, fixed focus

Audio support
HD Audio, Conexant® CX11852 codec, Dolby® Audio™ Premium /
stereo speakers, 2W x 2 / dual array microphone,
combo audio / microphone jack

Keyboard
6-row, spill-resistant, multimedia Fn keys

UltraNav™
TrackPoint® pointing device and multi-touch with 3+2 buttons click pad

ThinkLight™
None

Fingerprint reader
Some: Fingerprint reader on the keyboard bezel, swipe sensor

NFC
None

Security
Power-on password, hard disk password, supervisor password, security keyhole

Security chip
fTPM2.0: Firmware TPM 2.0, integrated in chipset
dTPM2.0: Discrete TPM 2.0, TCG Certified

vPro
No

Battery type
Some: Li-Polymer 4-cell (32Wh)
Some: Li-Ion 4-cell (41Wh)

Battery life
Some: Up to 5.0 hr for Li-Polymer 4-cell (32Wh)
Some: Up to 7.0 hr for Li-Ion 4-cell (41Wh)

AC adapter
Some: 45-watt AC adapter
Some: 65-watt AC adapter
Some: 90-watt AC adapter

Preload
Some: Windows 10 Pro 64 *Some:* No operating system
Some: Windows 10 Home 64
- Lenovo Companion
- Lenovo Settings
- Microsoft Office preloaded;
purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Limited warranty
1-year - depot repair service / service upgrades available

Mil-Spec test
None

Environment
EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color (LCD Rear, Top Cover)	Case Material	Optional Ports	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20H50042US	US	i3-7100U	No	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	11ac, 1x1 + BT4.1	None	None	Black, Black	PC/ABS	None	Fingerprint Reader	dTPM 2.0	4-cell (41Wh)	45W	Windows 10 Pro 64	1-year, Depot	09/16
20H50043US	US	i7-7500U	No	GTX 950MX 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	None	None	Black, Black	PC/ABS	None	Fingerprint Reader	FW TPM 2.0	4-cell (41Wh)	90W	Windows 10 Pro 64	1-year, Depot	09/16
20H50044US	US	i3-6006U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	11ac, 1x1 + BT4.1	None	None	Black, Black	PC/ABS	None	None	dTPM 2.0	4-cell (41Wh)	45W	Windows 10 Pro 64	1-year, Depot	11/16
20H50045US	US	i5-7200U	No	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	None	None	Black, Black	PC/ABS	None	Fingerprint Reader	dTPM 2.0	4-cell (41Wh)	45W	Windows 10 Pro 64	1-year, Depot	09/16
20H50047US	US	i7-7500U	No	GTX 950MX 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	DVD±RW	Intel 8265 ac, 2x2 + BT4.1	None	None	Black, Black	PC/ABS	None	Fingerprint Reader	FW TPM 2.0	4-cell (41Wh)	90W	Windows 10 Pro 64	1-year, Depot	09/16
20H50048US	US	i5-7200U	No	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	11ac, 1x1 + BT4.1	None	None	Black, Black	PC/ABS	None	Fingerprint Reader	dTPM 2.0	4-cell (41Wh)	45W	Windows 10 Pro 64	1-year, Depot	09/16
20H5007UUS	US	i3-7100U	No	Intel HD 620	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	11ac, 1x1 + BT4.1	None	None	Black, Black	PC/ABS	None	Fingerprint Reader	dTPM 2.0	4-cell (41Wh)	45W	Windows 10 Pro 64	1-year, Depot	01/17
20H5007VUS	US	i5-6200U	No	940MX 2GB	8GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	11ac, 1x1 + BT4.1	None	None	Black, Black	PC/ABS	None	Fingerprint Reader	FW TPM 2.0	4-cell (41Wh)	65W	Windows 10 Pro 64	1-year, Depot	01/17
20H5007WUS	US	i5-6200U	No	940MX 2GB	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	11ac, 1x1 + BT4.1	None	None	Black, Black	PC/ABS	None	Fingerprint Reader	FW TPM 2.0	4-cell (41Wh)	65W	Windows 10 Pro 64	1-year, Depot	01/17

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ThinkPad E575 Platform Specifications

Processor

AMD Accelerated Processor A6, A10, or A12 APU

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
A6-9500B	2	4	2.3 GHz	3.2 GHz	2MB	DDR4-1866	R5 Graphics
A10-9600P	4	8	2.4 GHz	3.3 GHz	2MB		R5 Graphics
A12-9700P	4	8	2.5 GHz	3.4 GHz	2MB		R7 Graphics

Graphics

AMD Radeon™ R5 Graphics in processor only, or
AMD Radeon R5 M430 Graphics, 2GB DDR3 memory, or
external analog monitor support via VGA DB-15 connector and
digital monitor support via HDMI™ (supporting HDCP to output protected content);
supports dual independent displays;
Max resolution: 1920x1080 (HDMI)@60Hz

Chipset

AMD SoC (System on Chip) platform

Memory

32GB max / PC4-19200 2400MHz DDR4, non-parity, dual-channel capable,
two 260-pin SO-DIMM sockets
*System automatically clocks down with 1866MHz DDR4 memory controller

Display

Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight,
220 nits, 16:9 aspect ratio, 400:1 contrast ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS,
250 nits, 16:9 aspect ratio, 600:1 contrast ratio

Multi-touch

None

Storage

Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable,
upgradable, Active Protection System™

Optical

Some: DVD burner, 9.0mm high, removable
Some: Blank Bezel

Ethernet

Gigabit Ethernet Connection, Realtek R8111GUS

WLAN

One of the following, configurable by model:

- QCA, Qualcomm 344A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card
- QCA, Qualcomm 435-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card

Bluetooth™

Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN

None

SIM card

None

Smart Card Reader

None

ExpressCard

None

Dock

None

Multicard Reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.0, one USB 2.0 (Always On), VGA, HDMI, Ethernet (RJ-45),
combo audio / microphone jack

Monitor cable

None

Dimensions

PC/ABS (WxDxH): 14.92" x 10.28" x 1.00"; 379mm x 261mm x 25.4mm

Weight

From 5.07 lb (2.30kg)

Case color

Black

Case material

PC/ABS: PolyCarbonate/Acrylonitrile-Butadiene-Styrene display cover

Camera

Some: HD720p resolution, fixed focus

Audio support

HD Audio, Conexant® CX11852 codec, Dolby® Audio™ Premium /
stereo speakers, 2W x 2 / dual array microphone,
combo audio / microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys

UltraNav™

TrackPoint® pointing device and multi-touch with 3+2 buttons click pad

ThinkLight™

None

Fingerprint reader

None

NFC

None

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

FW TPM2.0: Firmware TPM 2.0, integrated in chipset
dTPM2.0: Discrete TPM 2.0, TCG Certified

vPro

No

Battery type

Some: Li-Ion 4-cell (41Wh)

Battery life

Some: Up to 6.5 hr

AC adapter

Some: 45-watt AC adapter
Some: 65-watt AC adapter

Preload

Some: Windows 10 Pro 64
Some: Windows 10 Home 64
Some: No operating system

- Lenovo Companion
- Lenovo Settings
- Microsoft Office preloaded;
  purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Limited warranty

1-year - depot repair service / service upgrades available

Mil-Spec test

None

Environment

EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20H8000CUS	US	AMD A10-9600P	No	AMD R5 M430 2GB	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	QCA435ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	4-cell (41Wh)	65W	Windows 10 Pro 64	1-year, Depot	11/16
20H8000DUS	US	AMD A10-9600P	No	AMD R5 M430 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	DVD±RW	QCA435ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	4-cell (41Wh)	65W	Windows 10 Pro 64	1-year, Depot	11/16
20H8000EUS	US	AMD A10-9600P	No	AMD R5 M430 2GB	8GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	QCA435ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	4-cell (41Wh)	65W	Windows 10 Pro 64	1-year, Depot	11/16
20H8000FUS	US	AMD A6-9500B	No	AMD R5 Graphics	8GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	QCA435ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	4-cell (41Wh)	45W	Windows 10 Pro 64	1-year, Depot	11/16
20H8000GUS	US	AMD A10-9600P	No	AMD R5 M430 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	QCA435ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	4-cell (41Wh)	65W	Windows 10 Pro 64	1-year, Depot	11/16
20H8000HUS	US	AMD A6-9500B	No	AMD R5 Graphics	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	QCA435ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	dTPM 1.2	4-cell (41Wh)	45W	Windows 10 Pro 64	1-year, Depot	11/16
20H8000QUS	US	AMD A10-9600P	No	AMD R5 M430 2GB	8GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	QCA435ac, 1x1 + BT4.1	None	None	Black	PC/ABS	720p	Non-backlit	None	FW TPM 2.0	4-cell (41Wh)	65W	Windows 10 Pro 64	1-year, Depot	01/17

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ThinkPad L450 Platform Specifications

Processor

Intel® Celeron® processor, 4th Generation Intel Core™ i5 Processor, or 5th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3205U	2	2	1.5 GHz	-	2MB	DDR3L-1600	Intel HD Graphics
i5-4300U		4	1.9 GHz	2.9 GHz	3MB		Intel HD Graphics 4400
i3-5005U			2 GHz	-	3MB		Intel HD Graphics 5500
i5-5200U			2.2 GHz	2.7 GHz	3MB		
i5-5300U			2.3 GHz	2.9 GHz	3MB		
i7-5500U			2.4 GHz	3 GHz	4MB		

Graphics

Intel HD Graphics or Intel HD Graphics 4400 / 5500 in processor only, or Intel HD Graphics 5500 in processor and AMD Radeon™ R5 M240, 2GB memory (discrete models are only available in Western Europe);
supports external analog monitor via VGA and digital monitor via Mini DisplayPort;
supports three independent displays;
Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200@60Hz (VGA)

Chipset

Intel SoC (System on Chip) platform

Memory

16GB max[7] / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets

Display

Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS

Multi-touch

None

Storage

Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™
Some: SSHD with 8GB NAND flash memory

M.2 SSD *(opt)*

M.2 Solid State Drive (SSD), via M.2 card slot

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I218-V (Clarkville)
vPro model: Intel Ethernet Connection I218-LM (Clarkville)

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WLAN[4]

One of the following, configurable by model:

- 11b/g/n, ThinkPad 11b/g/n, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 card
- 11b/g/n, Intel Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card (WE only)
- 11a/b/g/n, Intel Dual Band Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card (WE only)
- 11ac, Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT adapter, M.2 card

WWAN *(optional)*

One of the following, configurable by model:

- Wireless WAN upgradable
- Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card (WE only)
- Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card

SIM card *(opt)*

AT&T® or Verizon® LTE (4G), contract required with service provider

Dimensions[3]

14.0" (WxDxH): 13.34" x 9.23" x 0.95"; 339mm x 235mm x 24.3mm

Weight[2]

Models	*3-cell*	*6-cell*
Integrated	4.25 lb / 1.93 kg	4.43 lb / 2.01 kg
Discrete	4.30 lb / 1.95 kg	4.50 lb / 2.04 kg

Case material

PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector (integrated models only)

Camera *(optional)*

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Realtek® ALC3232 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Trusted Platform Module, TCG 1.2-compliant

ThinkEngine

Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Fingerprint reader on the keyboard bezel, swipe sensor

Battery type

Li-Ion 3-cell *(23Wh)* or 6-cell *(48Wh or 72Wh)*

Max battery life[10]

Models	*3-cell 23Wh*	*6-cell 48Wh*	*6-cell 72Wh*
Integrated	5.2 hr	10.7 hr	16 hr
Discrete	5.1 hr	10.6 hr	15.9 hr

AC adapter

45W AC adapter or 65W AC adapter

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit or Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo REACHit
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- PC Device Stage
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- Norton™ Internet Security (30 days of virus definitions)

Some: Windows 8.1 64-bit
Some: Windows 8.1 Pro 64-bit
Some: Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo Settings
- Lenovo SHAREit
- Lenovo REACHit
- Lenovo Companion
- Microsoft Office preloaded; purchase a product key to activate
- Norton Internet Security (30 days of virus definitions, Win8 w/o i5/i7 model)
- McAfee® LiveSafe™ (30-day trial, Win8 i5/i7 and Win10 model)

Limited warranty[12]

One of the following, configurable by model:

- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]
- 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold; ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	M.2 SSD	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20DT000QUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DT000RUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DT000SUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20DT000TUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DT000WUS	US	i3-5005U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DT000YUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20DT0010US	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20DT001AUS	US	i5-4300U	vPro	Intel HD 4400	4GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	None	Intel 7260 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	02/15
20DT001BUS	US	i5-4300U	vPro	Intel HD 4400	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7260 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	02/15
20DT001CUS	US	i5-4300U	vPro	Intel HD 4400	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7260 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	02/15
20DT001DUS	US	i5-4300U	vPro	Intel HD 4400	8GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	None	Intel 7260 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	02/15
20DT001KUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20DT001PUS	US	i3-5005U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	08/15
20DT001QUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20DT001SUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20DT001VUS	US	i5-5200U	No	Intel HD 5500	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	08/15
20DT001WUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	08/15

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ThinkPad L460 Platform Specifications

Processor

Intel® Celeron® processor or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3855U	2	2	1.6 GHz	-	2MB	DDR3L-1600	Intel HD Graphics 510
i3-6006U		4	2.0 GHz	-	3MB		Intel HD Graphics 520
i3-6100U			2.3 GHz	-	3MB		
i5-6200U			2.3 GHz	2.8 GHz	3MB		
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

Graphics

Intel HD Graphics 510 or 520 in processor only, or
Intel HD Graphics 520 in processor and AMD Exo Pro Radeon R5, 2GB memory; supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays;
Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200@60Hz (VGA)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max[7] / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two DDR3L SO-DIMM sockets

Display

Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 or 700:1 contrast ratio, 170° viewing angle

Multi-touch

None

Storage

Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Shock Mounted Hard Drive, Active Protection System™
Some: SSHD with 8GB NAND flash memory

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN[4]

One of the following, configurable by model:
- 11ac+BT, Broadcom BCM4356, 2x2, M.2 card
- 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)*

One of the following, configurable by model:
- Wireless WAN upgradable
- Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card
- Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)

SIM card *(opt)*

Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card

Dimensions[3]

WxDxH: 13.34" x 9.23" x 0.95"; 339mm x 235mm x 24.3mm

Weight[2]

Models	*3-cell*	*6-cell*
Integrated model	4.25 lb / 1.93 kg	4.45 lb / 2.02 kg
discrete model	4.3 lb / 1.95 kg	4.5 lb / 2.04 kg

Case material

PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector (integrated models only)

Camera *(optional)*

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Realtek® ALC3245 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

ThinkEngine

Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Swipe style fingerprint reader on the keyboard bezel

Battery

Li-Ion 3-cell *(23Wh)* or 6-cell *(48Wh or 72Wh)*

Max battery life[10] (*MobileMark® 2014*)

Models	*3-cell*	*6-cell 48Wh*	*6-cell 72Wh*
Max battery life	6.93 hr	12.7 hr	20.53 hr

AC adapter

45W or 65W AC adapter

Preload

Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Limited warranty[12]

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]
- 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FU0014US	US	i5-6200U	No	Intel HD 520	8GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FU0015US	US	i5-6200U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	01/16
20FU0017US	US	i3-6100U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	01/16
20FU0018US	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FU001BUS	US	i5-6200U	No	Intel HD 520	8GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	3-year, Depot	01/16
20FU001CUS	US	i5-6200U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FU001DUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	01/16
20FU001EUS	US	i3-6100U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FU001GUS	US	i3-6100U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FU001HUS	US	i3-6100U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	01/16
20FU0024US	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FU0025US	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	01/16
20FU0026US	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	01/16
20FU0027US	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FU0028US	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" HD (1366x768)	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FU0029US	US	i5-6200U	No	AMD Exo Pro R5 2GB	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	65W	Win10 Pro 64	1-year, Depot	02/16
20FU002AUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	02/16
20FU002BUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" HD (1366x768)	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 Pro 64	3-year, Depot	02/16
20FU003PUS	US	i3-6100U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	10/16
20FU003QUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	10/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FU003RUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	10/16
20FU003SUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	10/16
20FU003TUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 Pro 64	3-year, Depot	10/16
20FU003UUS	US	i3-6100U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	10/16
20FU004GUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	11/16
20FU004HUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	11/16
20FU004JUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/16
20FU004LUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 Pro 64	3-year, Depot	11/16

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ThinkPad L470 Platform Specifications

Processor

Intel® Celeron® processor or 7th Generation Intel Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3965U	2	2	2.2 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610
i3-7100U		4	2.4 GHz	-	3MB		Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics

Intel HD Graphics 610 or 620 in processor only, or
Intel HD Graphics 620 in processor and AMD Radeon™ R5 M430, 2GB memory; supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays;
Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200@60Hz (VGA)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch

None

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage
Some: 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as storage cache for HDD

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN

One of the following, configurable by model:
- Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model:
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only)

SIM card *(opt)*

Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions

WxDxH: 13.35" x 9.25" x 0.94"; 339mm x 235mm x 23.9mm

Weight

Models	*3-cell*	*6-cell*
Integrated model	4.13 lb / 1.87 kg	4.45 lb / 2.02 kg
discrete model	4.16 lb / 1.89 kg	4.48 lb / 2.03 kg

Case color

Black

Case material

PC/ABS plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.1 Gen 1 / USB 3.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector

Camera *(optional)*

HD720p resolution, fixed focus

Audio support

HD Audio, Realtek ALC3268 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Win7 model: discrete TPM 1.2, TCG Certified
Win10 model: discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Swipe style fingerprint reader on the keyboard bezel

NFC

None

Battery

Li-Ion 3-cell *(24Wh)* or 6-cell *(48Wh or 72Wh)*

Max battery life[10] (*MobileMark® 2014*)

Models	*3-cell*	*6-cell 48Wh*	*6-cell 72Wh*
Integrated model	7.24 hr	14.48 hr	21.72 hr
discrete model	4.34 hr	8.68 hr	13.02 hr

AC adapter

45W or 65W AC adapter

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20J4000RUS	US	i5-7200U	No	Intel HD 620	4GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	01/17
20J4000SUS	US	i5-7200U	No	Intel HD 620	4GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W	Win10 Pro 64	3-year, Depot	01/17
20J4000TUS	US	i5-7200U	No	Intel HD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	01/17
20J4000UUS	US	i5-7200U	No	Intel HD 620	4GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W	Win10 Pro 64	3-year, Depot	01/17
20J40012US	US	i3-7100U	No	Intel HD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	01/17
20J40013US	US	i5-7200U	No	Intel HD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	01/17
20J40014US	US	i5-7300U	vPro	Intel HD 620	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	01/17
20J40015US	US	i5-7300U	vPro	Intel HD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	dTPM 2.0	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	01/17
20J40016US	US	i5-7200U	No	Intel HD 620	8GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	None	dTPM 2.0	6-cell (48Wh)	45W	Win10 Pro 64	3-year, Depot	01/17

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ThinkPad L560 Platform Specifications

Processor — Intel® Celeron® processor or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3855U	2	2	1.6 GHz	-	2MB	DDR3L-1600	Intel HD graphics 510
i3-6006U		4	2.0 GHz	-	3MB		Intel HD graphics 520
i3-6100U			2.3 GHz	-	3MB		
i5-6200U			2.3 GHz	2.8 GHz	3MB		
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

Graphics — Intel HD Graphics 510 or 520 in processor,
supports external analog monitor via VGA and digital monitor via Mini DisplayPort;
supports three independent displays;
Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200@60Hz (VGA)

Chipset — Intel SoC (System on Chip) platform

Memory — 16GB max[7] / PC3-12800 1600MHz DDR3L, non-parity,
dual-channel capable, two DDR3L SO-DIMM sockets

Display — *Some:* 15.6" (396mm) HD (1366x768), anti-glare, LED backlight,
220 nits, 16:9 aspect ratio, 350:1 contrast ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS,
250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 160° viewing angle

Multi-touch — None

Storage — *Some:* SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high,
Shock Mounted Hard Drive, Active Protection System™
Some: SSHD with 8GB NAND flash memory

Optical *(optional)* — DVD burner, 9mm high, fixed, not removable, tray-in

Ethernet — *Non-vPro model:* Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN[4] — *One of the following, configurable by model:*
- 11ac+BT, Broadcom BCM4356, 2x2, M.2 card
- 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card

Bluetooth™ — Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)* — *One of the following, configurable by model:*
- Wireless WAN upgradable
- Wireless WAN, Sierra Wireless EM7455,
Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card
- Wireless WAN, HUAWEI ME906S,
HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)

SIM card *(opt)* — Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card

Dimensions[3] — *WxDxH:* 14.84" x 9.75" x 1.08-1.21"; 377mm x 255mm x 27.6-30.85mm

Weight[2] — from 5.25 lb / 2.38 kg

Case material — PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic

ExpressCard *(opt)* — One slot (ExpressCard/34)

Smart card reader — *Optional:* Smart card reader

Media reader — 4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports — *Cel 3855U model:* three USB 3.0, one USB 2.0 Always On;
Other model: four USB 3.0 (one Always On),
All: VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector

Camera *(optional)* — HD720p resolution, low light sensitive, fixed focus

Audio support — HD Audio, Realtek® ALC3245 codec / stereo speakers, 1.5W x 2 /
dual array microphone, combo audio/microphone jack

Keyboard — 6-row, spill-resistant, multimedia Fn keys, numeric keypad

UltraNav™ — TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip — Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

ThinkEngine — Delivers improved thermal and power efficiency, up to 30 day standby,
faster resume time, enhanced security, as well as anti-tampering measures

vPro *(optional)* — Intel vPro Technology

Fingerprint reader — *Optional:* Swipe style fingerprint reader on the palm rest

Battery — Li-Ion 6-cell *(48Wh)*

Max battery life[10] — *MobileMark® 2014:* 11.2 hr

AC adapter — 45W AC adapter

Preload — Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Limited warranty[12] — *One of the following, configurable by model:*
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]
- 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Mil-Spec test — MIL-STD-810G military certification

Environment — EPEAT™ Gold (US); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Express-Card	Camera	Keyboard	Fingerprint Reader	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20F1000PUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	192GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	02/16
20F1000QUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	02/16
20F1000RUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	128GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	02/16
20F1000SUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	02/16
20F1000TUS	US	i3-6100U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	02/16
20F1000UUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	128GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	02/16
20F1000VUS	US	i5-6200U	No	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	02/16
20F1000WUS	US	i3-6100U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	192GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	02/16
20F1000XUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	02/16
20F1001MUS	US	i3-6100U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	02/16
20F1001NUS	US	i3-6100U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	192GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	02/16
20F1001PUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	02/16
20F1001QUS	US	i5-6200U	No	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	02/16
20F1001RUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	128GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	02/16
20F1001SUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	192GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	02/16
20F1001TUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	02/16
20F1001UUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	128GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	02/16
20F1001VUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	02/16
20F1002AUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	04/16
20F1002BUS	US	i5-6200U	No	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	04/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Express-Card	Camera	Keyboard	Fingerprint Reader	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20F1002CUS	US	i5-6200U	No	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	04/16
20F1002DUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Non-backlit	Fingerprint Reader	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	04/16
20F1003PUS	US	i3-6100U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/16
20F1003QUS	US	i3-6100U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/16
20F1003RUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Home 64	1-year, Depot	11/16
20F1003SUS	US	i3-6100U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Home 64	1-year, Depot	11/16
20F1003TUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/16
20F1003UUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Home 64	1-year, Depot	11/16
20F1003VUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	11/16
20F1003WUS	US	i3-6100U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Home 64	1-year, Depot	11/16
20F1004AUS	US	i3-6006U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	12/16
20F1004BUS	US	i3-6006U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	12/16
20F1004CUS	US	i3-6006U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	256GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	12/16
20F1004DUS	US	i3-6006U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	None	6-cell (48Wh)	45W	Win10 Pro 64	1-year, Depot	12/16

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ThinkPad P50 Platform Specifications

Processor

6th Generation Intel® Core™ i7 Processor or Intel Xeon® Processor E3 v5 Family

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i7-6700HQ	4	8	2.6 GHz	3.5 GHz	6MB	DDR4-2133	Intel HD Graphics 530
i7-6820HQ			2.7 GHz	3.6 GHz	8MB		
E3-1505M v5			2.8 GHz	3.7 GHz	8MB		Intel HD Graphics P530
E3-1535M v5			2.9 GHz	3.8 GHz	8MB		

Graphics

Intel HD Graphics 530 or P530 in processor and
NVIDIA Quadro® M1000M (2GB or 4GB memory) or M2000M (4GB memory);
supports external digital monitor via HDMI, Mini DisplayPort, or Thunderbolt™;
supports four independent displays;
Max resolution: 3840x2160@60Hz (DisplayPort via Mini DisplayPort cable);
3840x2160@60Hz (Thunderbolt); 3840x2160@30Hz (HDMI)

Chipset

Mobile Intel CM236 Chipset (Intel GL82CM236 PCH)

Memory

64GB max[7] / 2133MHz DDR4, ECC or non-ECC (ECC function supported only on Xeon processor), dual-channel capable, four DDR4 SO-DIMM sockets

Display

Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 45% gamut, 160° viewing angle
Some: 15.6" (396mm) 4K (3840x2160), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 100% gamut, 178° viewing angle

Multi-touch *(opt)*

Capacitive-type multi-touch, supports 10-finger gesture, 220 nits

Pen *(optional)*

ThinkPad Pen Pro, active pen for multi-touch display

Storage

Up to 3 drives (two M.2 SSD and one HDD)
Some: M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Shock Mounted Hard Drive, Active Protection System™

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN[4]

11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)*

Wireless WAN, Sierra Wireless EM7455,
Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card

SIM card

Micro-SIM card slot

Dimensions[3]

WxDxH: 14.86" x 9.93" x 0.96-1.16"; 377.4mm x 252.3mm x 24.5-29.4mm
WxDxH(Touch): 14.86" x 9.93" x 1.02-1.21"; 377.4mm x 252.3mm x 25.8-30.7mm

Weight[2]

Models	*4-cell*	*6-cell*
Non-touch	5.6 lb / 2.55kg	5.9 lb / 2.67kg
Multi-touch	6.2 lb / 2.82kg	6.4 lb / 2.90kg

Case material

Display cover: Glass-Fiber Reinforced Plastic;
Bottom: Magnesium/Aluminum

Smart card reader

Optional: Smart card reader

ExpressCard

One slot (ExpressCard/34)

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC), supports UHS-II SD card

Ports

Four USB 3.0 (one Always On), USB Type-C / Thunderbolt 3, Mini DisplayPort, HDMI, Ethernet (RJ-45), Dock connector

Camera *(optional)*

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Realtek® ALC3268 codec / stereo speakers, 1.5W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight

UltraNav™

3-button TrackPoint® pointing device and
3-button crystal silk surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

ThinkEngine

Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Touch style fingerprint reader on the palm rest

Color calibration

Optional: Pantone® color calibrator by X-Rite® color calibration sensor in palm rest

Battery

Lithium Polymer 4-cell *(66Wh)* or 6-cell *(90Wh)*

Max battery life[10] (*MobileMark® 2014*)

Model	*4-cell*	*6-cell*
Discrete Graphics	7.1 hr	9.7 hr
Hybrid Graphics	9.6 hr	13.2 hr

AC adapter

170W AC adapter

Preload

Some: Genuine Windows® 7 Professional 64
Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

For ISV certifications, please visit www.lenovo.com/support/ISV

Limited warranty[12]

One of the following, configurable by model:

- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]
- 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Color Calibrator	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20EN0012US	US	i7-6700HQ	No	M1000M 2GB	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN0013US	US	i7-6700HQ	No	M1000M 2GB	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN0014US	US	i7-6700HQ	No	M1000M 2GB	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 5400rpm	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN0015US	US	i7-6700HQ	No	M1000M 2GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN0016US	US	i7-6820HQ	vPro	M1000M 2GB	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN0017US	US	i7-6820HQ	vPro	M1000M 2GB	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 5400rpm	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN0018US	US	i7-6820HQ	vPro	M1000M 2GB	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN0019US	US	i7-6820HQ	vPro	M1000M 2GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN001AUS	US	i7-6820HQ	vPro	M2000M 4GB	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN001BUS	US	i7-6820HQ	vPro	M2000M 4GB	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN001CUS	US	i7-6820HQ	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN001DUS	US	i7-6820HQ	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	None	None	500GB 7200rpm	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN001EUS	US	i7-6820HQ	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN001FUS	US	i7-6820HQ	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN001GUS	US	i7-6700HQ	No	M1000M 2GB	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	500GB 7200rpm	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	11/15
20EN001HUS	US	i7-6700HQ	No	M1000M 2GB	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	11/15
20EN001JUS	US	i7-6820HQ	vPro	M1000M 2GB	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	500GB 7200rpm	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	11/15
20EN001KUS	US	i7-6820HQ	vPro	M1000M 2GB	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	11/15
20EN001LUS	US	i7-6820HQ	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	11/15
20EN001MUS	US	i7-6820HQ	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	512GB SSD M.2 PCIe NVMe	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	11/15

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Color Calibrator	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20EN001NUS	US	Xeon E3-1505M v5	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	11/15
20EN001PUS	US	Xeon E3-1505M v5	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	512GB SSD M.2 PCIe NVMe	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	11/15
20EN001QUS	US	Xeon E3-1505M v5	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN001RUS	US	Xeon E3-1505M v5	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN001SUS	US	Xeon E3-1505M v5	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN001TUS	US	Xeon E3-1505M v5	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN002FUS	US	i7-6700HQ	No	M1000M 2GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN002GUS	US	i7-6700HQ	No	M1000M 2GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	11/15
20EN002HUS	US	i7-6700HQ	No	M1000M 2GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN002JUS	US	i7-6700HQ	No	M1000M 2GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	11/15
20EN002KUS	US	i7-6820HQ	vPro	M1000M 2GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN002LUS	US	i7-6820HQ	vPro	M1000M 2GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	11/15
20EN002MUS	US	i7-6820HQ	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20EN002NUS	US	i7-6820HQ	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	11/15
20EN002PUS	US	Xeon E3-1505M v5	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	11/15
20EN002QUS	US	i7-6820HQ	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	11/15
20EN003LUS	US	i7-6820HQ	vPro	M1000M 4GB	8GBx4 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Depot	07/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Color Calibrator	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20EQ002DUS	US	Xeon E3-1505M v5	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Onsite	08/16
20EQ002EUS	US	i7-6700HQ	No	M1000M 4GB	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Onsite	08/16
20EQ002FUS	US	Xeon E3-1505M v5	vPro	M2000M 4GB	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	6-cell (90Wh)	170W	Win10 Pro 64	3-year, Onsite	08/16

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ThinkPad P50s Platform Specifications

Processor

6th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6300U	2	4	2.4 GHz	3 GHz	3MB	DDR3L-1600	Intel HD Graphics 520
i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

Graphics

Intel HD Graphics 520 in processor and NVIDIA Quadro® M500M (2GB memory);
supports external digital monitor via HDMI or Mini DisplayPort;
supports three independent displays;
Max resolution: 3840x2160@60Hz (DisplayPort via Mini DisplayPort cable);
4096x2160@24Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max[7] / PC3-12800 1600MHz DDR3L, non-parity,
dual-channel capable, two DDR3L SO-DIMM sockets

Display

Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS,
250 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio, 160° viewing angle
Some: 15.5" (394mm) 3K (2880x1620), anti-glare, LED backlight, IPS,
350 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 160° viewing angle

Multi-touch *(opt)*

In-cell touch, supports 10-finger gesture

Storage

Some: SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxG SSD PCIe NVMe)
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high,
Shock Mounted Hard Drive, Active Protection System™
Some: SSHD with 8GB NAND flash memory

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN[4]

One of the following, configurable by model:

- 11ac+BT, Broadcom BCM4356, 2x2, M.2 card
- 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)*

One of the following, configurable by model:

- Wireless WAN upgradable
- Wireless WAN, Sierra Wireless EM7455,
  Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card
- Wireless WAN, HUAWEI ME906S,
  HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)

SIM card *(opt)*

Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card

Dimensions[3]

WxDxH: 14.98" x 10.17" x 0.88"; 380.6mm x 258.2mm x 22.45mm

Weight[2]

Models	*No + 6-cell*	*3-cell + 3-cell*	*3-cell + 6-cell*
Non-touch	5.27 lb / 2.39 kg	4.97 lb / 2.25 kg	5.44 lb / 2.47 kg
Multi-touch	-	5.00 lb / 2.27 kg	5.42 lb / 2.46 kg

Case material

Display cover: PPS; *Bottom:* Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.0 (one Always On), MiniDP, HDMI, Ethernet (RJ-45), Dock connector

Camera *(optional)*

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Realtek® ALC3245 codec / stereo speakers, 1W x 2 /
dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

ThinkEngine

Delivers improved thermal and power efficiency, up to 30 day standby,
faster resume time, enhanced security, as well as anti-tampering measures

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Swipe style fingerprint reader on the palm rest

Internal battery

Optional: Integrated Li-Polymer 3-cell *(44Wh)*

External battery

Li-Ion or Li-Polymer 3-cell *(23Wh)* or Li-Ion 6-cell *(48Wh or 72Wh)*

Max battery life[10] (*MobileMark® 2014*)

Models	*3 + 3-cell*	*3 + 6-cell 48Wh*	*3 + 6-cell 72Wh*
Max battery life	12.0 hr	16.3 hr	20.5 hr

AC adapter

65W Slim AC adapter or 65W AC adapter

Preload

Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64

- Lenovo Solution Center
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded;
  purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded;
  purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

For ISV certifications, please visit www.lenovo.com/support/ISV

Limited warranty[12]

One of the following, configurable by model:

- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]
- 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FL000GUS	US	i7-6500U	No	M500M 2GB	8GBx2	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FL000HUS	US	i5-6300U	vPro	M500M 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	None + 6-cell(72Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FL000JUS	US	i7-6500U	No	M500M 2GB	8GBx1	15.5" 3K (2880x1620) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FL000KUS	US	i7-6500U	No	M500M 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FL000LUS	US	i7-6500U	No	M500M 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	1TB 5400rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	None + 6-cell(48Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FL000MUS	US	i7-6500U	No	M500M 2GB	8GBx2	15.6" FHD (1920x1080) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FL000NUS	US	i7-6600U	vPro	M500M 2GB	8GBx2	15.5" 3K (2880x1620) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FL0014US	US	i5-6300U	vPro	M500M 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	None	3-cell(44Wh) + 6-cell(72Wh)	65W	Win10 Pro 64	3-year, Depot	08/16
20FL0015US	US	i7-6500U	No	M500M 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	1TB 5400rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	None	3-cell(44Wh) + 6-cell(72Wh)	65W	Win10 Pro 64	3-year, Depot	08/16
20FL0016US	US	i7-6500U	No	M500M 2GB	8GBx1	15.5" 3K (2880x1620) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	None	3-cell(44Wh) + 6-cell(72Wh)	65W	Win10 Pro 64	3-year, Depot	08/16
20FL0017US	US	i7-6500U	No	M500M 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	None	3-cell(44Wh) + 6-cell(72Wh)	65W	Win10 Pro 64	3-year, Depot	08/16
20FL0018US	US	i7-6500U	No	M500M 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	None	3-cell(44Wh) + 6-cell(72Wh)	65W	Win10 Pro 64	3-year, Depot	08/16
20FL0019US	US	i7-6500U	No	M500M 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	None	3-cell(44Wh) + 6-cell(72Wh)	65W	Win10 Pro 64	3-year, Depot	08/16
20FL001AUS	US	i7-6600U	vPro	M500M 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	None	3-cell(44Wh) + 6-cell(72Wh)	65W	Win10 Pro 64	3-year, Depot	08/16
20FL001BUS	US	i7-6500U	No	M500M 2GB	16GBx1	15.5" 3K (2880x1620) IPS	None	1TB 5400rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	None	3-cell(44Wh) + 6-cell(72Wh)	65W	Win10 Pro 64	3-year, Depot	08/16

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ThinkPad P70 Platform Specifications

Processor — 6th Generation Intel® Core™ i7 Processor or Intel Xeon® Processor E3 v5 Family

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i7-6700HQ	4	8	2.6 GHz	3.5 GHz	6MB	DDR4-2133	Intel HD Graphics 530
i7-6820HQ			2.7 GHz	3.6 GHz	8MB		
E3-1505M v5			2.8 GHz	3.7 GHz	8MB		Intel HD Graphics P530
E3-1575M v5			3 GHz	3.9 GHz			Intel Iris™ Pro Graphics P580

Graphics — Intel HD Graphics 530, Intel HD Graphics P530, or Intel Iris™ Pro Graphics P580 in processor and NVIDIA Quadro® M600M (2GB memory), M3000M (4GB memory), M4000M (4GB memory), or M5000M (8GB memory); supports external digital monitor via HDMI, Mini DisplayPort, or Thunderbolt™; supports five independent displays; Max resolution: 3840x2160@60Hz (DisplayPort via Mini DisplayPort cable); 3840x2160@60Hz (Thunderbolt); 3840x2160@30Hz (HDMI)

Chipset — Mobile Intel CM236 Chipset (Intel GL82CM236 PCH)

Memory — 64GB max[7] / 2133MHz DDR4, ECC or non-ECC (ECC function supported only on Xeon processor), dual-channel capable, four DDR4 SO-DIMM sockets

Display
- *Some:* 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 800:1 contrast ratio, 72% gamut, 170° viewing angle
- *Some:* 17.3" (439mm) 4K (3840x2160), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 800:1 contrast ratio, 90% gamut, 170° viewing angle

Multi-touch *(opt)* — Capacitive-type multi-touch, supports 10-finger gesture, 270 nits

Pen *(optional)* — ThinkPad Pen Pro, active pen for multi-touch display

Storage — Up to 4 drives (two M.2 SSD and two HDD, one of which is in the optical bay)
- *Some:* M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
- *Some:* M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)
- *Some:* HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Shock Mounted Hard Drive, Active Protection System™

Optical *(optional)* — DVD burner, 9.5mm high, fixed, tray-in

Ethernet
- *Non-vPro model:* Intel Ethernet Connection I219-V (Jacksonville)
- *vPro model:* Intel Ethernet Connection I219-LM (Jacksonville)

WLAN[4] — 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card

Bluetooth™ — Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)* — Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card

SIM card — Micro-SIM card slot

Dimensions[3]
- *WxDxH:* 16.38" x 10.85" x 1.18-1.35"; 416mm x 275.5mm x 29.9-34.2mm
- *WxDxH(Touch):* 16.38" x 10.85" x 1.20-1.37"; 416mm x 275.5mm x 30.6-34.9mm

Weight[2]
- *Non-touch model:* from 7.3 lb (3.3kg);
- *Multi-touch model:* from 8.1 lb (3.7kg)

Case material
- *Display cover:* Glass-Fiber + PPS;
- *Bottom:* Magnesium/Aluminum

Smart card reader — *Optional:* Smart card reader

ExpressCard — One slot (ExpressCard/34)

Media reader — 4-in-1 reader (MMC, SD, SDHC, SDXC), supports UHS-II SD card

Ports — Four USB 3.0 (one Always On), two USB Type-C / Thunderbolt 3, Mini DisplayPort, HDMI, Ethernet (RJ-45), Dock connector

Camera *(optional)* — HD720p resolution, low light sensitive, fixed focus

Audio support — HD Audio, Realtek® ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard — 6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight

UltraNav™ — 3-button TrackPoint® pointing device and 3-button crystal silk surface multi-touch touchpad

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip — Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

ThinkEngine — Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures

vPro *(optional)* — Intel vPro Technology

Fingerprint reader — Touch style fingerprint reader on the keyboard bezel

Color calibration — *Optional:* Pantone® color calibrator by X-Rite® color calibration sensor in palm rest

Battery — Li-Ion 8-cell *(96Wh)*

Max battery life[10] (*MobileMark® 2014*)

Mode	*Discrete Graphics*	*Hybrid Graphics*
Max battery life	8.5 hr	10.8 hr

AC adapter — 170W or 230W AC adapter

Preload

Some: Genuine Windows® 7 Professional 64

Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

For ISV certifications, please visit www.lenovo.com/support/ISV

Limited warranty[12] *One of the following, configurable by model:*
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]
- 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Mil-Spec test — MIL-STD-810G military certification

Environment — EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Color Calibrator	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20ER000FUS	US	i7-6700HQ	No	M600M 2GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	10/15
20ER000GUS	US	i7-6700HQ	No	M3000M 4GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	230W	Win10 DG Win7 Pro 64	3-year, Depot	10/15
20ER000HUS	US	i7-6820HQ	vPro	M600M 2GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	10/15
20ER000JUS	US	i7-6820HQ	vPro	M3000M 4GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	230W	Win10 DG Win7 Pro 64	3-year, Depot	10/15
20ER000KUS	US	i7-6820HQ	vPro	M3000M 4GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	10-point Multi-touch	ThinkPad Pen Pro	256GB SSD M.2 Opal2	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	8-cell (96Wh)	230W	Win10 DG Win7 Pro 64	3-year, Depot	10/15
20ER000LUS	US	Xeon E3-1505M v5	vPro	M600M 2GB	8GBx1 ECC	17.3" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20ER000MUS	US	Xeon E3-1505M v5	vPro	M3000M 4GB	8GBx1 ECC	17.3" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	230W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20ER000NUS	US	Xeon E3-1505M v5	vPro	M3000M 4GB	16GBx1 ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Fingerprint Reader	X-Rite	8-cell (96Wh)	230W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20ER000PUS	US	i7-6820HQ	vPro	M600M 2GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	10-point Multi-touch	ThinkPad Pen Pro	500GB 7200rpm	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	8-cell (96Wh)	170W	Win10 Pro 64	3-year, Depot	10/15
20ER000QUS	US	i7-6820HQ	vPro	M3000M 4GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	10-point Multi-touch	ThinkPad Pen Pro	256GB SSD M.2 Opal2	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	8-cell (96Wh)	230W	Win10 Pro 64	3-year, Depot	10/15
20ER000RUS	US	i7-6820HQ	vPro	M3000M 4GB	16GBx1 non-ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Fingerprint Reader	X-Rite	8-cell (96Wh)	230W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20ER000SUS	US	i7-6820HQ	vPro	M3000M 4GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	230W	Win10 DG Win7 Pro 64	3-year, Depot	10/15
20ER000TUS	US	i7-6700HQ	No	M600M 2GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	1TB 5400rpm	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	10/15
20ER000UUS	US	i7-6700HQ	No	M3000M 4GB	16GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	230W	Win10 DG Win7 Pro 64	3-year, Depot	10/15
20ER000VUS	US	i7-6700HQ	No	M600M 2GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	Blank Bezel	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	10/15
20ER000WUS	US	i7-6820HQ	vPro	M4000M 4GB	16GBx1 non-ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe	No	Blank Bezel	Intel 8260 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Fingerprint Reader	X-Rite	8-cell (96Wh)	230W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20ER000XUS	US	Xeon E3-1505M v5	vPro	M4000M 4GB	16GBx1 ECC	17.3" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe	No	Blank Bezel	Intel 8260 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Fingerprint Reader	X-Rite	8-cell (96Wh)	230W	Win10 DG Win7 Pro 64	3-year, Depot	11/15
20ER000YUS	US	i7-6820HQ	vPro	M3000M 4GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	1TB 5400rpm	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	230W	Win10 DG Win7 Pro 64	3-year, Depot	10/15
20ER002FUS	US	i7-6700HQ	No	M600M 2GB	8GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	8-cell (96Wh)	170W	Win10 Pro 64	3-year, Depot	10/15
20ER002GUS	US	Xeon E3-1505M v5	vPro	M600M 2GB	16GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	10/15

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Color Calibrator	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20ER002HUS	US	Xeon E3-1505M v5	vPro	M3000M 4GB	16GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	230W	Win10 Pro 64	3-year, Depot	10/15
20ER002JUS	US	i7-6820HQ	vPro	M3000M 4GB	16GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	230W	Win10 Pro 64	3-year, Depot	10/15
20ER002KUS	US	i7-6700HQ	No	M600M 2GB	16GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	170W	Win10 DG Win7 Pro 64	3-year, Depot	10/15
20ER002LUS	US	i7-6820HQ	vPro	M3000M 4GB	16GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	230W	Win10 DG Win7 Pro 64	3-year, Depot	10/15
20ER002MUS	US	Xeon E3-1505M v5	vPro	M3000M 4GB	16GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	256GB SSD M.2 Opal2	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	None	8-cell (96Wh)	230W	Win10 DG Win7 Pro 64	3-year, Depot	10/15
20ER002NUS	US	i7-6700HQ	No	M600M 2GB	16GBx1 non-ECC	17.3" FHD (1920x1080) IPS	None	None	500GB 7200rpm	No	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	8-cell (96Wh)	170W	Win10 Pro 64	3-year, Depot	10/15
20ER003KUS	US	Xeon E3-1575M v5	vPro	M3000M 4GB	16GBx2 non-ECC	17.3" FHD (1920x1080) IPS	None	None	1TB SSD M.2 PCIe NVMe	No	Blank Bezel	Intel 8260 ac, 2x2 + BT4.1	None	None	None	720p	Backlit	Fingerprint Reader	X-Rite	8-cell (96Wh)	230W	Win10 Pro 64	3-year, Depot	08/16

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ThinkPad T450 Platform Specifications

Processor — 4th Generation Intel® Core™ i3 / i5 or 5th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-4030U	2	4	1.9 GHz	-	3MB	DDR3L-1600	Intel HD Graphics 4400
i5-4300U			1.9 GHz	2.9 GHz			
i3-5010U			2.1 GHz	-	3MB		Intel HD Graphics 5500
i5-5200U			2.2 GHz	2.7 GHz			
i5-5300U			2.3 GHz	2.9 GHz			
i7-5500U			2.4 GHz	3 GHz	4MB		
i7-5600U			2.6 GHz	3.2 GHz			

Graphics — Intel HD Graphics 4400 or 5500 in processor,
supports external analog monitor via VGA and digital monitor via Mini DisplayPort;
supports three independent displays;
Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200@60Hz (VGA)

Chipset — Intel SoC (System on Chip) platform

Memory — 16GB max[7] / PC3-12800 1600MHz DDR3L, non-parity,
dual-channel capable, two 204-pin SO-DIMM sockets

Display
Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 350:1 contrast ratio
Some: 14.0" (355mm) HD+ (1600x900), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS

Multi-touch *(opt)* — Capacitive-type multi-touch, supports 10-finger gesture, 212.5 nits

Storage
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™
Some: SSHD with 8GB NAND flash memory

M.2 SSD *(opt)* — Single-sided M.2 SSD, via M.2 card slot

Optical — None

Ethernet
Non-vPro model: Intel Ethernet Connection I218-V (Clarkville)
vPro model: Intel Ethernet Connection I218-LM (Clarkville)

Bluetooth™ — Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WLAN[4] — *One of the following, configurable by model:*
- 11b/g/n, ThinkPad 11b/g/n, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 card
- 11b/g/n, Intel Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card (WE only)
- 11a/b/g/n, Intel Dual Band Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card (WE only)
- 11ac, Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT adapter, M.2 card

WWAN *(optional)* — *One of the following, configurable by model:*
- Wireless WAN upgradable
- Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card (WE only)
- Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card

SIM card *(opt)* — AT&T® or Verizon® LTE (4G), contract required with service provider

Dimensions[3]
14.0" (WxDxH): 13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm
14.0" Touch (WxDxH): 13.35" x 9.15" x 0.91"; 339mm x 232.5mm x 23mm

Weight[2]

Models	*No + 3-cell*	*3-cell + 3-cell*	*3-cell + 6-cell*
Non-touch	3.58 lb / 1.63 kg	3.81 lb / 1.73 kg	4.21 lb / 1.91 kg
Multi-touch	3.89 lb / 1.76 kg	4.11 lb / 1.87 kg	4.52 lb / 2.05 kg

Case material
Display cover: Glass-Fiber Reinforced Plastic (non-touch model) or Carbon-Fiber Reinforced Plastic (multi-touch model);
Bottom: Glass-Fiber Reinforced Plastic

Smart card reader — *Optional:* Smart card reader

Media reader — 4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports — Three USB 3.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector (integrated models only)

Camera — HD720p resolution, low light sensitive, fixed focus

Audio support — HD Audio, Realtek® ALC3232 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

Keyboard — 6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™ — TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip — Trusted Platform Module, TCG 1.2-compliant

ThinkEngine — Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures

vPro *(optional)* — Intel vPro Technology

Fingerprint reader — *Optional:* Fingerprint reader on the keyboard bezel, swipe sensor

Internal battery — *Optional:* Integrated Li-Ion or Li-Polymer 3-cell *(23Wh)*

External battery — Li-Ion 3-cell *(23Wh)* or 6-cell *(48Wh or 72Wh)*

Max battery life[10]

Models	*3-cell + 3-cell*	*3-cell + 6-cell 48Wh*	*3-cell + 6-cell 72Wh*
Battery life	10.08 hr	14.78 hr	19.78 hr

AC adapter — 45W AC adapter, 65W Slim AC adapter, or 65W AC adapter

Preload — Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit or Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- PC Device Stage
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- Norton™ Internet Security (30 days of virus definitions)

Some: Windows 8.1 64-bit
Some: Windows 8.1 Pro 64-bit
Some: Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo REACHit
- Lenovo Companion
- Microsoft Office preloaded; purchase a product key to activate
- Norton Internet Security (30 days of virus definitions, Win8 w/o i5/i7 model)
- McAfee® LiveSafe™ (30-day trial, Win8 i5/i7 and Win10 model)

Limited warranty[12] — *One of the following, configurable by model:*
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]
- 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Environment — EPEAT™ Gold (US) or EPEAT Silver (WE);
ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	M.2 SSD	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20BV0001US	US	i5-5300U	vPro	Intel HD 5500	4GBx1	14" HD+ (1600x900)	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20BV0002US	US	i5-5300U	vPro	Intel HD 5500	8GBx1	14" HD+ (1600x900)	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20BV0003US	US	i7-5600U	vPro	Intel HD 5500	8GBx1	14" HD+ (1600x900)	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20BV0004US	US	i5-4300U	vPro	Intel HD 4400	8GBx1	14" HD (1366x768)	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	04/15
20BV0005US	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20BV0006US	US	i7-5600U	vPro	Intel HD 5500	8GBx1	14" HD+ (1600x900)	10-point Multi-touch	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 Pro 64-bit	3-year, Depot	01/15
20BV0007US	US	i3-5010U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	11b/g/n, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20BV0008US	US	i5-4300U	vPro	Intel HD 4400	8GBx1	14" HD+ (1600x900)	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	04/15
20BV0009US	US	i5-5300U	vPro	Intel HD 5500	8GBx1	14" HD+ (1600x900)	None	180GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20BV000AUS	US	i5-5300U	vPro	Intel HD 5500	8GBx1	14" HD+ (1600x900)	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20BV000BUS	US	i5-4300U	vPro	Intel HD 4400	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	04/15
20BV000CUS	US	i5-5300U	vPro	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	1-year, Depot	01/15
20BV000DUS	US	i7-5600U	vPro	Intel HD 5500	8GBx1	14" HD+ (1600x900)	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20BV000EUS	US	i5-5300U	vPro	Intel HD 5500	4GBx1	14" HD+ (1600x900)	None	180GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20BV000FUS	US	i5-4300U	vPro	Intel HD 4400	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	04/15
20BV000GUS	US	i5-4300U	vPro	Intel HD 4400	8GBx1	14" HD+ (1600x900)	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	04/15
20BV005EUS	US	i5-5300U	vPro	Intel HD 5500	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20BV005FUS	US	i7-5600U	vPro	Intel HD 5500	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	09/15
20BV005GUS	US	i5-5300U	vPro	Intel HD 5500	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	09/15
20BV005HUS	US	i7-5600U	vPro	Intel HD 5500	8GBx2	14" HD+ (1600x900)	10-point Multi-touch	512GB SSD	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	09/15

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	M.2 SSD	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20BV005JUS	US	i5-5300U	vPro	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	1-year, Depot	09/15
20BV005KUS	US	i5-5300U	vPro	Intel HD 5500	4GBx1	14" HD+ (1600x900)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20BV005LUS	US	i7-5600U	vPro	Intel HD 5500	8GBx2	14" FHD (1920x1080) IPS	None	512GB SSD	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	09/15
20BV005MUS	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	1-year, Depot	09/15
20BV005NUS	US	i5-5300U	vPro	Intel HD 5500	8GBx1	14" HD+ (1600x900)	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20BV005PUS	US	i7-5600U	vPro	Intel HD 5500	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20BV005QUS	US	i7-5600U	vPro	Intel HD 5500	8GBx2	14" FHD (1920x1080) IPS	None	512GB SSD	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20BV005RUS	US	i7-5600U	vPro	Intel HD 5500	8GBx1	14" HD+ (1600x900)	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20BV005SUS	US	i7-5600U	vPro	Intel HD 5500	8GBx2	14" HD+ (1600x900)	10-point Multi-touch	512GB SSD	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20BV0061US	US	i5-5300U	vPro	Intel HD 5500	4GBx1	14" HD+ (1600x900)	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	09/15
20BV0062US	US	i7-5600U	vPro	Intel HD 5500	8GBx1	14" HD+ (1600x900)	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	09/15
20BV0063US	US	i5-5200U	No	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	09/15
20BV0064US	US	i5-5300U	vPro	Intel HD 5500	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	09/15
20BV0065US	US	i5-5300U	vPro	Intel HD 5500	8GBx1	14" HD+ (1600x900)	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	09/15

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ThinkPad T460 Platform Specifications

Processor — 6th Generation Intel® Core™ i3 / i5 / i7 Processor (i7-6500U for discrete models only)

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-6100U	2	4	2.3 GHz	-	3MB	DDR3L-1600	Intel HD graphics 520
i5-6200U			2.3 GHz	2.8 GHz	3MB		
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

Graphics — Intel HD Graphics 520 in processor only, or
Intel HD Graphics 520 in processor and NVIDIA GeForce® 940MX, 2GB memory (discrete graphics is only available in US);
supports external digital monitor via HDMI or Mini DisplayPort;
supports three independent displays;
Max resolution: 3840x2160@60Hz (DisplayPort via Mini DisplayPort cable);
1920x1080@60Hz (HDMI)

Chipset — Intel SoC (System on Chip) platform

Memory — 32GB max[7] / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two DDR3L SO-DIMM sockets

Display — *Some:* 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 350:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 160° viewing angle

Multi-touch *(opt)* — In-cell touch, supports 10-finger gesture, 250 nits

Storage — *Some:* SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxG SSD PCIe NVMe)
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Shock Mounted Hard Drive, Active Protection System™
Some: SSHD with 8GB NAND flash memory (WE only)

Optical — None

Ethernet — *Non-vPro model:* Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN[4] — *One of the following, configurable by model (WiGig can coexist with WWAN):*
- 11ac+BT, Broadcom BCM4356, 2x2, M.2 card
- 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card
- WiGig™+11ac+BT, Intel Tri-Band Wireless-AC 18260, 2x2 WLAN, WiGig, M.2 card

Bluetooth™ — Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)* — *One of the following, configurable by model (WWAN can coexist with WiGig):*
- Wireless WAN upgradable
- Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card
- Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)

SIM card *(opt)* — Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card

Dimensions[3] — *WxDxH:* 13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm

Weight[2]

Models	*No + 6-cell*	*3-cell + 3-cell*	*3-cell + 6-cell*
Integrated Non-touch	3.84 lb / 1.74 kg	3.82 lb / 1.73 kg	4.13 lb / 1.87 kg
Integrated Multi-touch	3.91 lb / 1.77 kg	3.88 lb / 1.76 kg	4.20 lb / 1.90 kg
Discrete Non-touch	3.86 lb / 1.75 kg	3.90 lb / 1.77 kg	4.22 lb / 1.91 kg
Discrete Multi-touch	3.93 lb / 1.78 kg	3.97 lb / 1.80 kg	4.28 lb / 1.94 kg

Case material — Glass-Fiber Reinforced Plastic

Smart card reader — *Optional:* Smart card reader

Media reader — 4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports — Three USB 3.0 (one Always On), MiniDP, HDMI, Ethernet (RJ-45), Dock connector

WiGig dock *(opt)* — WiGig dock, coexists with WWAN (WE only)

Camera *(optional)* — HD720p resolution, low light sensitive, fixed focus

Audio support — HD Audio, Realtek® ALC3245 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard — 6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™ — TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip — Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

ThinkEngine — Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures

vPro *(optional)* — Intel vPro Technology

Fingerprint reader — *Optional:* Swipe style fingerprint reader on the keyboard bezel

Internal battery — *Optional:* Integrated Li-Ion or Li-Polymer 3-cell *(23Wh)*

External battery — Li-Ion 3-cell *(23Wh)* or 6-cell *(48Wh or 72Wh)*

Max battery life (*MobileMark® 2014*)

Models	*6-cell 48Wh*	*6-cell 72Wh*	*3 + 3-cell*	*3 + 6-cell 48Wh*	*3 + 6-cell 72Wh*
Integrated model	10.8 hr	15.3 hr	10.4 hr	15.1 hr	20.2 hr
discrete model	10.5 hr	15 hr	10.1 hr	14.7 hr	19.7 hr

AC adapter — 45W or 65W Slim AC adapter

Preload — Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Limited warranty[12] — *One of the following, configurable by model:*
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]
- 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Mil-Spec test — MIL-STD-810G military certification

Environment — EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Camera	Keyboard	Fingerprint Reader	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FN002JUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN002KUS	US	i7-6600U	vPro	Intel HD 520	8GBx2	14" FHD (1920x1080) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN002LUS	US	i7-6600U	vPro	Intel HD 520	8GBx2	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN002MUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN002NUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN002PUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	01/16
20FN002QUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN002RUS	US	i7-6600U	vPro	Intel HD 520	8GBx2	14" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	01/16
20FN002SUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	01/16
20FN002TUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	01/16
20FN002UUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN002VUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN003CUS	US	i5-6200U	No	Intel HD 520	8GBx1	14" HD (1366x768)	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN003DUS	US	i5-6200U	No	Intel HD 520	8GBx1	14" HD (1366x768)	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN003EUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	240GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN003FUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN003RUS	US	i5-6200U	No	Intel HD 520	4GBx2	14" HD (1366x768)	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN003SUS	US	i5-6200U	No	Intel HD 520	4GBx2	14" FHD (1920x1080) IPS	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN003TUS	US	i5-6300U	vPro	Intel HD 520	4GBx2	14" FHD (1920x1080) IPS	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FN003UUS	US	i5-6300U	vPro	Intel HD 520	4GBx2	14" FHD (1920x1080) IPS	None	240GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Camera	Keyboard	Fingerprint Reader	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FN004UUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	08/16
20FN004VUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	1-year, Depot	08/16
20FN0056US	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	10/16
20FN0057US	US	i5-6200U	No	Intel HD 520	4GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	1-year, Depot	10/16
20FN0059US	US	i5-6200U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	10/16
20FN005AUS	US	i5-6200U	No	Intel HD 520	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	None	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	1-year, Depot	10/16
20FN005BUS	US	i5-6200U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	11/16
20FN005CUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	11/16
20FN005DUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	11/16
20FN005EUS	US	i5-6200U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	11/16
20FN005FUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	11/16
20FN005GUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	12/16
20FN005HUS	US	i5-6200U	No	Intel HD 520	4GBx2	14" FHD (1920x1080) IPS	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	12/16
20FN005JUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	12/16
20FN005KUS	US	i5-6200U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	1-year, Depot	12/16
20FN005LUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	1-year, Depot	12/16
20FN005MUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	1-year, Depot	12/16
20FNA04PUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	08/16

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ThinkPad T460p Platform Specifications

Processor

6th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6300HQ	4	4	2.3 GHz	3.2 GHz	6MB	DDR4-2133	Intel HD Graphics 530
i5-6440HQ			2.6 GHz	3.5 GHz			
i7-6700HQ		8	2.6 GHz	3.5 GHz	6MB		
i7-6820HQ			2.7 GHz	3.6 GHz	8MB		

Graphics

Intel HD Graphics 530 in processor only, or
Intel HD Graphics 530 in processor and NVIDIA GeForce® 940MX, 2GB memory; supports external digital monitor via HDMI or Mini DisplayPort; supports three independent displays;
Max resolution: 4096x2304@60Hz (DisplayPort via Mini DisplayPort cable); 4096x2160@24Hz (HDMI)

Chipset

Mobile Intel QM170 Chipset

Memory

32GB max[7] / 2133MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets

Display

Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 160° viewing angle
Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 or 800:1 contrast ratio, 160° viewing angle

Multi-touch

None

Storage

Some: SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxG SSD PCIe NVMe)
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Shock Mounted Hard Drive, Active Protection System™

Optical

None

Ethernet

Intel Ethernet Connection I219-LM (Jacksonville)

WLAN[4]

One of the following, configurable by model:
- 11ac+BT, Broadcom BCM4356, 2x2, M.2 card
- 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)*

One of the following, configurable by model:
- Wireless WAN upgradable
- Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card
- Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)

SIM card *(opt)*

Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card

Dimensions[3]

WxDxH: 13.54" x 9.41" x 0.96"; 344mm x 239mm x 24.4mm

Weight[2]

Models	*3-cell*	*6-cell*
Integrated model	3.99 lb / 1.81 kg	4.70 lb / 2.13 kg
discrete model	4.04 lb / 1.83 kg	4.75 lb / 2.15 kg

Case material

Display cover: PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic;
Bottom: Magnesium alloy

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.0 (one Always On), MiniDP, HDMI, Ethernet (RJ-45), Dock connector

Camera *(optional)*

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Realtek® ALC3245 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

ThinkEngine

Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style fingerprint reader on the keyboard bezel

Battery

Li-Ion 3-cell *(23Wh)* or 6-cell *(48Wh or 72Wh)*

Max battery life[10] **(*MobileMark® 2014*)**

Models	*3-cell*	*6-cell 48Wh*	*6-cell 72Wh*
Integrated model	4.34 hr	8.58 hr	13 hr
discrete model	4.1 hr	8.5 hr	13 hr

AC adapter

90W or 135W AC adapter

Preload

Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Limited warranty[12]

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]
- 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FW000SUS	US	i5-6440HQ	vPro	Intel HD 530	8GBx1	14" FHD (1920x1080) IPS	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell (23Wh)	90W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20FW000TUS	US	i7-6820HQ	vPro	940MX 2GB	16GBx1	14" FHD (1920x1080) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	6-cell (48Wh)	135W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20FW000UUS	US	i5-6440HQ	vPro	Intel HD 530	8GBx1	14" FHD (1920x1080) IPS	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	6-cell (72Wh)	90W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20FW000VUS	US	i5-6440HQ	vPro	Intel HD 530	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	6-cell (48Wh)	90W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20FW000WUS	US	i7-6820HQ	vPro	940MX 2GB	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	6-cell (48Wh)	135W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20FW002DUS	US	i5-6440HQ	vPro	Intel HD 530	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Fingerprint Reader	6-cell (48Wh)	90W	Win10 Pro 64	3-year, Depot	03/16
20FW003QUS	US	i5-6440HQ	vPro	940MX 2GB	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	6-cell (48Wh)	135W	Win10 Pro 64	3-year, Depot	04/16
20FW003RUS	US	i5-6440HQ	vPro	940MX 2GB	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	6-cell (48Wh)	135W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20FW003SUS	US	i5-6440HQ	vPro	940MX 2GB	8GBx1	14" FHD (1920x1080) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	6-cell (48Wh)	135W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20FW003TUS	US	i5-6440HQ	vPro	940MX 2GB	8GBx1	14" FHD (1920x1080) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	6-cell (48Wh)	135W	Win10 Pro 64	3-year, Depot	04/16
20FW0054US	US	i5-6440HQ	vPro	Intel HD 530	8GBx1	14" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	6-cell (48Wh)	90W	Win10 DG Win7 Pro 64	3-year, Depot	11/16
20FW0055US	US	i5-6440HQ	vPro	Intel HD 530	8GBx1	14" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell (23Wh)	90W	Win10 DG Win7 Pro 64	3-year, Depot	11/16
20FW0056US	US	i5-6440HQ	vPro	Intel HD 530	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell (23Wh)	90W	Win10 DG Win7 Pro 64	3-year, Depot	11/16
20FW0057US	US	i7-6820HQ	vPro	940MX 2GB	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	6-cell (48Wh)	135W	Win10 Pro 64	3-year, Depot	12/16

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ThinkPad T460s Platform Specifications

Processor — 6th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	DDR4-2133	Intel HD Graphics 520
i5-6300U			2.4 GHz	3 GHz	3MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

Graphics — Intel HD Graphics 520 in processor only, or
Intel HD Graphics 520 in processor and NVIDIA GeForce® 930M, 2GB memory (discrete graphics is only available in US);
supports external digital monitor via HDMI or Mini DisplayPort;
supports three independent displays;
Max resolution: 3840x2160@60Hz (DisplayPort via Mini DisplayPort cable);
4096x2160@24Hz (HDMI)

Chipset — Intel SoC (System on Chip) platform

Memory — 20GB or 24GB max[7] / 2133MHz DDR4, dual-channel capable,
4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM socket

Display — *Some:* 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 160° viewing angle
Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 160° viewing angle

Multi-touch *(opt)* — In-cell touch, supports 10-finger gesture, 250 nits

Storage — *Some:* M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)

Optical — None

Ethernet — *Non-vPro model:* Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN[4] — *One of the following, configurable by model (WiGig is mutually exclusive with WWAN):*
- 11ac+BT, Broadcom BCM4356, 2x2, M.2 card
- 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card
- WiGig™+11ac+BT, Intel Tri-Band Wireless-AC 18260, 2x2 WLAN, WiGig, M.2 card

Bluetooth™ — Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)* — *One of the following, configurable by model (mutually exclusive with WiGig):*
- Wireless WAN upgradable
- Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card
- Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)

SIM card *(opt)* — Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card

Dimensions[3] — *WxDxH:* 13.03" x 8.93" x 0.67-0.74"; 331mm x 226.8mm x 16.9-18.8mm

Weight[2] — *Integrated model:* from 3.0 lb (1.36kg); *Discrete model:* from 3.3 lb (1.50kg)

Case material — *Display cover:* Carbon-Fiber Reinforced Plastic;
Bottom: Magnesium alloy

Smart card reader — *Optional:* Smart card reader

Media reader — 4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports — Three USB 3.0 (one Always On), MiniDP, HDMI, Ethernet (RJ-45), Dock connector

WiGig dock *(opt)* — WiGig dock, mutually exclusive with WWAN

Camera *(optional)* — HD720p resolution, low light sensitive, fixed focus

Audio support — HD Audio, Realtek® ALC3245 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

Keyboard — 6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™ — TrackPoint® pointing device and buttonless crystal silk surface multi-touch touchpad

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip — Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

ThinkEngine — Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures

vPro *(optional)* — Intel vPro Technology

Fingerprint reader — *Optional:* Touch style fingerprint reader on the palm rest

Internal battery — Front Li-Polymer 3-cell *(23Wh)* and rear Li-Ion 3-cell *(26Wh)*, both Integrated

Max battery life[10] — *MobileMark® 2014:* up to 10.5 hr

AC adapter — 45W or 65W AC adapter

Preload — Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Limited warranty[12] — *One of the following, configurable by model:*
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]
- 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Mil-Spec test — MIL-STD-810G military certification

Environment — EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory (Soldered +DIMM)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Camera	Keyboard	Fingerprint Reader	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20F90017US	US	i5-6200U	No	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	10/16
20F90018US	US	i5-6200U	No	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	10/16
20F90019US	US	i7-6600U	vPro	Intel HD 520	4GB + 8GB	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/16
20F9001CUS	US	i7-6600U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/16
20F9001DUS	US	i7-6600U	vPro	Intel HD 520	4GB + 8GB	14" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F90033US	US	i7-6600U	vPro	Intel HD 520	4GB + 4GB	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F90034US	US	i5-6300U	vPro	Intel HD 520	4GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F90035US	US	i7-6600U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F90036US	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F90037US	US	i7-6600U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F90038US	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/16
20F90039US	US	i5-6200U	No	Intel HD 520	4GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	1-year, Depot	02/16
20F9003AUS	US	i7-6600U	vPro	Intel HD 520	4GB + 4GB	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F9003BUS	US	i5-6300U	vPro	Intel HD 520	4GB Soldered	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F9003CUS	US	i7-6600U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F9003DUS	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F9003EUS	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F9003FUS	US	i7-6600U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/16
20F9003GUS	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F9003HUS	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16

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Model	Region	Processor	vPro	Graphics	Memory (Soldered +DIMM)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Camera	Keyboard	Fingerprint Reader	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20F9003JUS	US	i5-6300U	vPro	Intel HD 520	4GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F9004DUS	US	i7-6600U	vPro	Intel HD 520	4GB + 8GB	14" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/16
20F9004EUS	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/16
20F9004FUS	US	i5-6200U	No	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F9004GUS	US	i7-6600U	vPro	Intel HD 520	4GB + 8GB	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/16
20F9004JUS	US	i5-6200U	No	Intel HD 520	4GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	1-year, Depot	02/16
20F9004LUS	US	i5-6200U	No	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/16
20F9004MUS	US	i7-6600U	vPro	Intel HD 520	4GB + 8GB	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F9004NUS	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/16
20F9004PUS	US	i7-6600U	vPro	Intel HD 520	4GB + 8GB	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20F9005AUS	US	i7-6600U	vPro	Intel HD 520	4GB + 16GB	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	03/16
20F9005BUS	US	i7-6600U	vPro	Intel HD 520	4GB + 16GB	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20F9005DUS	US	i7-6600U	vPro	Intel HD 520	4GB + 8GB	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	04/16
20F9005EUS	US	i5-6300U	vPro	930M 2GB	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F9005FUS	US	i7-6600U	vPro	930M 2GB	8GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F9005GUS	US	i5-6300U	vPro	930M 2GB	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	65W	Win10 Pro 64	3-year, Depot	04/16
20F9005HUS	US	i7-6600U	vPro	930M 2GB	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	65W	Win10 Pro 64	3-year, Depot	04/16
20F9005JUS	US	i7-6600U	vPro	930M 2GB	8GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	65W	Win10 Pro 64	3-year, Depot	04/16
20F9005KUS	US	i7-6600U	vPro	930M 2GB	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F9005LUS	US	i7-6600U	vPro	Intel HD 520	4GB + 8GB	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16

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Model	Region	Processor	vPro	Graphics	Memory (Soldered +DIMM)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Camera	Keyboard	Fingerprint Reader	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20F9006XUS	US	i5-6200U	No	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	10/16
20F9006YUS	US	i5-6200U	No	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	10/16
20F90076US	US	i5-6200U	No	Intel HD 520	4GB + 4GB	14" WQHD (2560x1440) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	10/16
20F90077US	US	i5-6300U	vPro	Intel HD 520	4GB + 4GB	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	11/16

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ThinkPad T470 Platform Specifications

Processor

6th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	DDR4-2133	Intel HD Graphics 520
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

or 7th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics

Intel HD Graphics 520 or 620 in processor only, or
Intel HD Graphics 520 or 620 in processor and
NVIDIA GeForce® 940MX, 2GB 2.5GHz GDDR5 memory;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WiGig
Some: 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as storage cache for HDD, mutually exclusive with WiGig

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN

One of the following, configurable by model (WiGig can coexist with WWAN):
- Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model (WWAN can coexist with WiGig):
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only)

SIM card *(opt)*

Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions

WxDxH: 13.25" x 9.15" x 0.79"; 336.6mm x 232.5mm x 19.95mm

Weight

Models	*3-cell or 3 + 3-cell*	*6-cell or 3 + 6-cell*
Magnesium	3.49 lb / 1.58 kg	3.92 lb / 1.78 kg
PPS	3.63 lb / 1.65 kg	4.35 lb / 1.85 kg

Case color

Black

Case material

Display cover: Magnesium Hybrid or PPS;
Bottom: Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

SD 3.0, UHS-I

Ports

Three USB 3.1 Gen 1 / USB 3.0 (one Always On),
USB 3.1 Type-C Gen 2 / Thunderbolt 3 / DisplayPort 1.2a / Power Delivery 2.0,
HDMI 1.4b, Ethernet (RJ-45), Dock connector

WiGig dock *(opt)*

ThinkPad WiGig dock

Monitor cable

Optional: Lenovo USB-C to VGA Adapter

Camera *(optional)*

720p: HD720p resolution, fixed focus
IR & 720p: IR camera and HD720p camera (mutually exclusive with WiGig)

Audio support

HD Audio, Realtek ALC3268 codec / stereo speakers, 2W x 2 /
dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Win7 model: discrete TPM 1.2, TCG Certified
Win10 model: discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the keyboard bezel

NFC *(optional)*

Near Field Communication

Internal battery

Optional: Integrated Li-Polymer 3-cell *(24Wh)*

External battery

Li-Polymer 3-cell *(24Wh)* or Li-Ion 6-cell *(48Wh or 72Wh)*

Max battery life (*MobileMark® 2014*)

Models	*3-cell*	*3 + 3-cell*	*6-cell 48Wh*	*6-cell 72Wh*	*3 + 6-cell 48Wh*	*3 + 6-cell 72Wh*
Integrated	6.9 hr	13.9 hr	13.9 hr	20.9 hr	20.9 hr	27.1 hr
Discrete	6.9 hr	13.9 hr	14.3 hr	21.6 hr	21.2 hr	28.6 hr

AC adapter

45W or 65W AC adapter (slim tip), 45W or 65W USB Type-C AC adapter

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Case Material	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	OS	War-ranty	Ann Date (m/y)
20HD000QUS	US	i5-7200U	No	Intel HD 620	8GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	1-year, Depot	01/17
20HD000RUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	3-year, Depot	01/17
20HD000SUS	US	i5-7200U	No	Intel HD 620	8GBx1	14" FHD (1920x1080) IPS	None	128GB SSD	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	3-year, Depot	01/17
20HD000TUS	US	i5-7200U	No	Intel HD 620	8GBx1	14" HD (1366x768)	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Non-backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	1-year, Depot	01/17
20HD000UUS	US	i5-7200U	No	Intel HD 620	8GBx1	14" HD (1366x768)	None	128GB SSD	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	3-year, Depot	01/17
20HD000VUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	14" FHD (1920x1080) IPS	None	512GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	3-year, Depot	01/17
20HD000WUS	US	i5-7200U	No	Intel HD 620	8GBx1	14" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	3-year, Depot	01/17
20HD000XUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	14" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	PPS	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(24Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	3-year, Depot	01/17

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ThinkPad T470s Platform Specifications

Processor

6th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6300U	2	4	2.4 GHz	3.0 GHz	3MB	DDR4-2133	Intel HD Graphics 520
i7-6600U			2.6 GHz	3.4 GHz	4MB		

or 7th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133	Intel HD Graphics 620
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics
Intel HD Graphics 520 or 620 in processor;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)

Chipset
Intel SoC (System on Chip) platform

Memory
20GB or 24GB max[7] / 2400MHz DDR4, dual-channel capable,
4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM socket
* System clocks down for processors with lower memory controller

Display
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 160° viewing angle
Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 160° viewing angle

Multi-touch *(opt)*
On-cell touch, supports 10-finger gesture, 250 nits (FHD only)

Storage
Some: M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)

Optical
None

Ethernet
Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN
One of the following, configurable by model (WiGig is mutually exclusive with WWAN):
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™
Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*
One of the following, configurable by model (mutually exclusive with WiGig):
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card

SIM card *(opt)*
- Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions *WxDxH:* 13.03" x 8.93" x 0.67-0.74"; 331mm x 226.8mm x 16.9-18.8mm
Weight From 2.9 lb (1.32kg)
Case color Black or Silver
Case material *Display cover:* CFRP Hybrid; *Bottom:* Magnesium

Smart card reader *Optional:* Smart card reader
Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports Three USB 3.1 Gen 1 / USB 3.0 (one Always On), USB 3.1 Type-C Gen 2 / Thunderbolt 3 / DisplayPort 1.2a / Power Delivery 2.0, HDMI 1.4b, Ethernet (RJ-45), Dock connector
WiGig dock *(opt)* ThinkPad WiGig dock, mutually exclusive with WWAN
Monitor cable *(optional)* *HDMI to VGA:* Lenovo HDMI to VGA Monitor Adapter; *USB-C to VGA:* Lenovo USB-C to VGA Adapter

Camera *(optional)* HD720p resolution, fixed focus
Audio support HD Audio, Realtek® ALC3268 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

Keyboard 6-row, spill-resistant, multimedia Fn keys, optional LED backlight
UltraNav™ TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security Power-on password, hard disk password, supervisor password, security keyhole
Security chip *Win7 model:* discrete TPM 1.2, TCG Certified; *Win10 model:* discrete TPM 2.0, TCG Certified
vPro *(optional)* Intel vPro Technology
Fingerprint reader *Optional:* Touch style match on chip fingerprint reader on the palm rest
NFC *(optional)* Near Field Communication

Internal battery Front Li-Polymer 3-cell *(23Wh)* and rear Li-Ion 3-cell *(26Wh)*, both Integrated
Max battery life *MobileMark® 2014:* up to 10.5 hr
AC adapter 45W AC adapter (slim tip), 45W or 65W USB Type-C AC adapter

Preload
Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty
One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test MIL-STD-810G military certification

Environment EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory (Soldered +DIMM)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Color	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal)	Power Adapter	OS	War-ranty	Ann Date (m/y)
20HF0010US	US	i7-7600U	vPro	Intel HD 620	4GB + 8GB	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HF0011US	US	i5-7300U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HF0012US	US	i5-7300U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HF0013US	US	i7-7600U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HF0014US	US	i5-7200U	No	Intel HD 620	4GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	1-year, Depot	02/17
20HF0015US	US	i7-7600U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HF003QUS	US	i7-7600U	vPro	Intel HD 620	4GB + 8GB	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HF003TUS	US	i7-7600U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HF003UUS	US	i5-7300U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HF003VUS	US	i5-7200U	No	Intel HD 620	4GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	1-year, Depot	02/17
20HF003WUS	US	i5-7300U	vPro	Intel HD 620	4GB + 4GB	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	Silver	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(26Wh)	45W	Win10 Pro 64	3-year, Depot	02/17

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ThinkPad T560 Platform Specifications

Processor

6th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	DDR3L-1600	Intel HD Graphics 520
i5-6300U			2.4 GHz	3 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

Graphics

Intel HD Graphics 520 in processor only, or
Intel HD Graphics 520 in processor and NVIDIA GeForce® 940MX, 2GB memory; supports external digital monitor via HDMI or Mini DisplayPort; supports three independent displays;
Max resolution: 3840x2160@60Hz (DisplayPort via Mini DisplayPort cable); 4096x2160@24Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max[7] / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two DDR3L SO-DIMM sockets

Display

Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits,16:9 aspect ratio, 400:1 contrast ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 160° viewing angle
Some: 15.5" (394mm) 3K (2880x1620), anti-glare, LED backlight, IPS, 350 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 160° viewing angle

Multi-touch *(opt)*

In-cell touch, supports 10-finger gesture

Storage

Some: SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxG SSD PCIe NVMe)
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Shock Mounted Hard Drive, Active Protection System™
Some: SSHD with 8GB NAND flash memory

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN[4]

One of the following, configurable by model:
- 11ac+BT, Broadcom BCM4356, 2x2, M.2 card
- 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)*

One of the following, configurable by model:
- Wireless WAN upgradable
- Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card
- Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)

SIM card *(opt)*

Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card

Dimensions[3]

WxDxH: 14.98" x 10.17" x 0.88"; 380.6mm x 258.2mm x 22.45mm

Weight[2]

Models	*No + 6-cell*	*3-cell + 3-cell*	*3-cell + 6-cell*
Integrated Non-touch	5.18 lb / 2.35 kg	4.88 lb / 2.22 kg	5.35 lb / 2.43 kg
Integrated Multi-touch	-	4.92 lb / 2.23 kg	5.33 lb / 2.42 kg
Discrete Non-touch	5.27 lb / 2.39 kg	4.97 lb / 2.25 kg	5.44 lb / 2.47 kg
Discrete Multi-touch	-	5.00 lb / 2.27 kg	5.42 lb / 2.46 kg

Case material

Display cover: PPS; *Bottom:* Glass-Fiber Reinforced Plastic

Smart card reader *Optional:* Smart card reader

Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports Three USB 3.0 (one Always On), MiniDP, HDMI, Ethernet (RJ-45), Dock connector

Camera *(optional)* HD720p resolution, low light sensitive, fixed focus

Audio support HD Audio, Realtek® ALC3245 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

Keyboard 6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight

UltraNav™ TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security Power-on password, hard disk password, supervisor password, security keyhole

Security chip Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

ThinkEngine Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures

vPro *(optional)* Intel vPro Technology

Fingerprint reader *Optional:* Swipe style fingerprint reader on the palm rest

Internal battery *Optional:* Integrated Li-Polymer 3-cell *(44Wh)*

External battery Li-Ion or Li-Polymer 3-cell *(23Wh)* or Li-Ion 6-cell *(48Wh or 72Wh)*

Max battery life[10] (*MobileMark® 2014*)

Models	*3 + 3-cell*	*3 + 6-cell 48Wh*	*3 + 6-cell 72Wh*
Integrated model	13.2 hr	18.0 hr	22.7 hr
discrete model	13.5 hr	18.3 hr	24.3 hr

AC adapter 45W AC adapter, 65W Slim AC adapter, or 65W AC adapter

Preload

Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Limited warranty[12] *One of the following, configurable by model:*
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]
- 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Mil-Spec test MIL-STD-810G military certification

Environment EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FH001QUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FH001RUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FH001SUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FH001TUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FH001UUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.5" 3K (2880x1620) IPS	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FH001VUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FH001WUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	15.5" 3K (2880x1620) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FH001XUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.6" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FH001YUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FH0020US	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FH0021US	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.5" 3K (2880x1620) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FH002CUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	01/16
20FH002DUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	01/16
20FH002EUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FH002FUS	US	i7-6600U	vPro	Intel HD 520	8GBx2	15.6" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	01/16
20FH002GUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	01/16
20FH002HUS	US	i7-6600U	vPro	Intel HD 520	8GBx2	15.6" FHD (1920x1080) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	01/16
20FH002JUS	US	i7-6600U	vPro	Intel HD 520	8GBx2	15.5" 3K (2880x1620) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	01/16
20FH002KUS	US	i7-6600U	vPro	Intel HD 520	8GBx2	15.5" 3K (2880x1620) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FH002LUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	01/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FH002MUS	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	01/16
20FH002NUS	US	i7-6600U	vPro	Intel HD 520	8GBx2	15.6" FHD (1920x1080) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20FH002WUS	US	i7-6600U	vPro	940MX 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20FH002XUS	US	i7-6600U	vPro	940MX 2GB	8GBx1	15.5" 3K (2880x1620) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20FH002YUS	US	i7-6600U	vPro	940MX 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20FH0030US	US	i5-6300U	vPro	940MX 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20FH0031US	US	i7-6600U	vPro	940MX 2GB	8GBx1	15.5" 3K (2880x1620) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20FH0032US	US	i5-6300U	vPro	940MX 2GB	8GBx1	15.6" FHD (1920x1080) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20FH003BUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	07/16
20FH0043US	US	i5-6200U	No	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	10/16
20FH0044US	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.5" 3K (2880x1620) IPS	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	11/16
20FH0045US	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	11/16
20FH0046US	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	11/16
20FH0047US	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	11/16
20FH0048US	US	i5-6200U	No	Intel HD 520	4GBx1	15.6" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	11/16
20FH0049US	US	i5-6300U	vPro	Intel HD 520	4GBx1	15.5" 3K (2880x1620) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	11/16
20FHA01KUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(44Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	07/16

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ThinkPad T570 Platform Specifications

Processor

6th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6300U	2	4	2.4 GHz	3.0 GHz	3MB	DDR4-2133	Intel HD Graphics 520
i7-6600U			2.6 GHz	3.4 GHz	4MB		

or 7th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133	Intel HD Graphics 620
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics

Intel HD Graphics 520 or 620 in processor only, or
Intel HD Graphics 520 or 620 in processor and
NVIDIA GeForce® 940MX, 2GB 2.5GHz GDDR5 memory;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
* System clocks down for processors with lower memory controller

Display

Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits,16:9 aspect ratio, 400:1 contrast ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle
Some: 15.6" (396mm) 4K (3840x2160), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 72% gamut, 170° viewing angle

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WiGig
Some: 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as storage cache for HDD, mutually exclusive with WiGig

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN

One of the following, configurable by model (WiGig can coexist with WWAN):
- Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model (WWAN can coexist with WiGig):
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only)

SIM card *(opt)*

Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions

WxDxH: 14.40" x 9.95" x 0.79-0.80"; 365.8mm x 252.8mm x 19.95-20.2mm

Weight

Models	*4 + 3-cell*	*6-cell*	*4 + 6-cell*
Integrated Non-touch	4.30 lb / 1.95 kg	4.70 lb / 2.13 kg	4.70 lb / 2.13 kg
Integrated Multi-touch	4.34 lb / 1.97 kg	4.75 lb / 2.16 kg	4.75 lb / 2.16 kg
Discrete Non-touch	4.39 lb / 1.99 kg	4.80 lb / 2.18 kg	4.80 lb / 2.18 kg
Discrete Multi-touch	4.44 lb / 2.01 kg	4.85 lb / 2.20 kg	4.85 lb / 2.20 kg

Case color

Black

Case material

Display cover: Glass-Fiber Reinforced Plastic (PPS);
Bottom: Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

SD 3.0, UHS-I

Ports

Three USB 3.1 Gen 1 / USB 3.0 (one Always On),
USB 3.1 Type-C Gen 2 / Thunderbolt 3 / DisplayPort 1.2a / Power Delivery 2.0,
HDMI 1.4b, Ethernet (RJ-45), Dock connector

WiGig dock *(opt)*

ThinkPad WiGig dock

Monitor cable *(optional)*

HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter

Camera *(optional)*

720p: HD720p resolution, fixed focus
IR & 720p: IR camera and HD720p camera (mutually exclusive with WiGig)

Audio support

HD Audio, Realtek ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Win7 model: discrete TPM 1.2, TCG Certified
Win10 model: discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the palm rest

NFC *(optional)*

Near Field Communication

Internal battery

Optional: Integrated Li-Polymer 4-cell *(32Wh)*

External battery

Li-Polymer 3-cell *(24Wh)* or Li-Ion 6-cell *(48Wh or 72Wh)*

Max battery life (*MobileMark® 2014*)

Models	*4 + 3-cell*	*6-cell 48Wh*	*6-cell 72Wh*	*4 + 6-cell 48Wh*	*4 + 6-cell 72Wh*
Integrated	13.8 hr	12.5 hr	18.5 hr	20.3 hr	27.1 hr
discrete	13.8 hr	12.5 hr	18.5 hr	20.0 hr	26.8 hr

AC adapter

45W or 65W AC adapter (slim tip), 45W or 65W USB Type-C AC adapter

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Monitor Cable	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	OS	Warranty	Ann Date (m/y)
20H9000MUS	US	i5-7200U	No	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	3-year, Depot	01/17
20H9000NUS	US	i7-7600U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	3-year, Depot	01/17
20H9000PUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	3-year, Depot	01/17
20H9000QUS	US	i5-7200U	No	Intel HD 620	4GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	3-year, Depot	01/17
20H9000RUS	US	i5-7200U	No	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	3-year, Depot	01/17
20H9000SUS	US	i5-7200U	No	Intel HD 620	4GBx1	15.6" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	1-year, Depot	01/17
20H9000TUS	US	i7-7600U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	3-year, Depot	01/17
20H9000UUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	4-cell(32Wh) + 3-cell(24Wh)	45W	Win10 Pro 64	3-year, Depot	01/17

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ThinkPad X1 Carbon (4th Gen) Platform Specifications

Processor

6th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	LPDDR3-1866	Intel HD graphics 520
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

Graphics

Intel HD Graphics 520 in processor,
external digital monitor support via Mini DisplayPort or HDMI™;
supports three independent displays;
Max resolution: 3840x2160 (Mini DisplayPort)@60Hz; 4096x2304 (HDMI)@24Hz

Chipset

Intel SoC (System on Chip) platform

Memory

4GB, 8GB, or 16GB / 1866MHz LPDDR3 / soldered to systemboard, no sockets

Display

Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle
Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle

Multi-touch

None

Hinge

Normal hinge, 180 degree

Storage

Some: M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)

Optical

None

Ethernet

Gigabit Ethernet via optional Ethernet (RJ-45) adapter
(by native Intel Ethernet Connection I219-V (*Non-vPro*) or I219-LM (*vPro*))

WLAN[4]

One of the following, configurable by model (WiGig is mutually exclusive with WWAN):
- 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card
- WiGig™+11ac+BT, Intel Tri-Band Wireless-AC 18260, 2x2 WLAN, WiGig, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)*

One of the following, configurable by model (mutually exclusive with WiGig):
- Wireless WAN upgradable
- Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card
- Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)

SIM card *(opt)*

Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card

Dimensions[3]

WxDxH: 13.11" x 9.02" x 0.59-0.65"; 333.0mm x 229.0mm x 14.95-16.45mm

Weight[2]

from 2.579 lb / 1.17 kg

Case material

Display cover: Carbon-Fiber Reinforced Plastic;
Bottom: Super magnesium

Media reader

MicroSD card reader, supports UHS-II microSD card

Ports

Three USB 3.0 (one Always On), MiniDP, HDMI, Lenovo OneLink+ connector

WiGig dock *(opt)*

WiGig dock, mutually exclusive with WWAN

Adapter *(optional)*

HDMI-VGA: Lenovo HDMI to VGA Monitor Cable
mDP-VGA: Lenovo Mini DisplayPort to VGA Monitor Cable
RJ45: ThinkPad OneLink+ to RJ45 adapter
VGA/RJ45: ThinkPad OneLink+ to VGA/RJ45 adapter

Camera

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Conexant® CX11852 codec / stereo speakers, 1 watt x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, LED backlight

UltraNav™

TrackPoint® pointing device and buttonless glass surface touchpad, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole, reset switch

Security chip

Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

ThinkEngine

Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Touch style fingerprint reader on the palm rest

Battery

Integrated Lithium Polymer 4-cell *(52Wh)* RapidCharge battery

Max battery life[10]

MobileMark® 2014: 11 hr

AC adapter

45W AC adapter, 65W Slim AC adapter, or 65W AC adapter

RapidCharge

AC adapter	*45W*	*65W Slim*	*65W*
Charge to 80%	Not support	1.0 hr	1.0 hr
Charge to 100%	Not support	2.5 hr	2.5 hr

Preload

Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Limited warranty[12]

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]
- 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory (Soldered)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Adapter	Dock	Camera	Keyboard	Fingerprint Reader	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FB002JUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB002KUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB002LUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB002MUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB002NUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB002PUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB002QUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB002RUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB002SUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB0044US	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0045US	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB0046US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0047US	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0048US	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB0049US	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004AUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB004BUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB004CUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004DUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004EUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16

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Model	Region	Processor	vPro	Graphics	Memory (Soldered)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Adapter	Dock	Camera	Keyboard	Fingerprint Reader	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FB004FUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004GUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004HUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	240GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004JUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB004KUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004LUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB004MUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB004NUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004PUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004QUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004RUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004SUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004TUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB004UUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004VUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004WUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004XUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" FHD (1920x1080) IPS	None	240GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB004YUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0050US	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB0051US	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16

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Model	Region	Processor	vPro	Graphics	Memory (Soldered)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Adapter	Dock	Camera	Keyboard	Fingerprint Reader	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FB0052US	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0053US	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0054US	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0055US	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0056US	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0057US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0058US	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	240GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0059US	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005AUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB005BUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005CUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB005DUS	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005EUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	240GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005FUS	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005GUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005HUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005JUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005KUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB005LUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005MUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16

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Model	Region	Processor	vPro	Graphics	Memory (Soldered)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Adapter	Dock	Camera	Keyboard	Fingerprint Reader	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FB005NUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005PUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB005QUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005RUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005SUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB005TUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005UUS	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005VUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005WUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB005XUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB005YUS	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0060US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0061US	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0062US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0063US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0064US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	02/16
20FB0065US	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	02/16
20FB006RUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	05/16
20FB006SUS	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	05/16
20FB006TUS	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	05/16

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Model	Region	Processor	vPro	Graphics	Memory (Soldered)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Adapter	Dock	Camera	Keyboard	Fingerprint Reader	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FB006UUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2 PCIe NVMe	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	05/16
20FB006VUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	05/16
20FB006WUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	05/16
20FB006XUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	05/16
20FB0071US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	07/16
20FB007DUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	07/16
20FB007EUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	07/16
20FB007FUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 DG Win7 Pro 64	3-year, Depot	07/16
20FB007GUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS	None	512GB SSD M.2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	07/16
20FB007HUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS	None	256GB SSD M.2 Opal2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	07/16
20FB007QUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	180GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	08/16
20FB007RUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	11/16
20FBA043US	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Fingerprint Reader	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	08/16

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ThinkPad X1 Carbon (5th Gen) Platform Specifications

Processor — 6th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	LPDDR3-1866	Intel HD Graphics 520
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

or 7th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	LPDDR3-1866	Intel HD Graphics 620
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics — Intel HD Graphics 520 or 620 in processor;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)

Chipset — Intel SoC (System on Chip) platform

Memory — 8GB or 16GB / 1866MHz LPDDR3 / soldered to systemboard, no sockets

Display — *Some:* 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle
Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch — None

Storage — *Some:* M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)

Optical — None

Ethernet — Native Intel Ethernet Connection I219-V (*Non-vPro*) or I219-LM (*vPro*))
via optional ThinkPad Ethernet Extension Cable

WLAN — *One of the following, configurable by model (WiGig can coexist with WWAN):*
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™ — Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)* — *One of the following, configurable by model (WWAN can coexist with WiGig):*
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card

SIM card *(opt)* — Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions — *WxDxH:* 12.74" x 8.55" x 0.63"; 323.5mm x 217.1mm x 15.95mm

Weight — from 2.49 lb / 1.13 kg

Case color — Black or Silver (silver is not available in EMEA)

Case material — *Display cover:* CFRP/GFRP hybrid;
Bottom: magnesium alloy hybrid

Smart card reader — None

Media reader — MicroSD card reader, supports UHS-II microSD card

Ports — Two USB 3.1 Gen 1 / USB 3.0 (one Always On),
two USB 3.1 Type-C Gen 2 / Thunderbolt 3 / DisplayPort 1.2a / Power Delivery 2.0,
HDMI 1.4b, Ethernet extension connector

WiGig dock *(opt)* — ThinkPad WiGig dock

Monitor cable *(optional)* — *HDMI to VGA:* Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera *(optional)* — *720p:* HD720p resolution, fixed focus
IR & 720p: IR camera and HD720p camera

Audio support — HD Audio, Conexant® CX11871 codec / stereo speakers, 2W x 2 /
dual array microphone, combo audio/microphone jack

Keyboard — 6-row, spill-resistant, multimedia Fn keys, LED backlight

UltraNav™ — TrackPoint® pointing device and buttonless Glass surface multi-touch touchpad

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip — *Win7 model:* discrete TPM 1.2, TCG Certified
Win10 model: discrete TPM 2.0, TCG Certified

vPro *(optional)* — Intel vPro Technology

Fingerprint reader — Touch style match on chip fingerprint reader on the palm rest

NFC *(optional)* — Near Field Communication

Battery — Integrated Li-Polymer 3-cell *(57Wh)* RapidCharge battery

Max battery life — *MobileMark® 2014:* 15.5 hr

AC adapter — 45W or 65W USB Type-C AC adapter

RapidCharge

AC adapter	*45W USB-C*	*65W USB-C*
Charge to 80%	Not support	1.0 hr
Charge to 100%	Not support	2.5 hr

Preload — Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty — *One of the following, configurable by model:*
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test — MIL-STD-810G military certification

Environment — EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory (Soldered)	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Dock	Monitor Cable	Adapter	Color	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal)	Power Adapter	Operating System	War-ranty	Ann Date (m/y)
20HR000DUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/17
20HR000FUS	US	i7-7600U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/17
20HR000HUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/17
20HR000MUS	US	i5-7300U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/17
20HR000WUS	US	i5-7200U	No	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/17
20HR0011US	US	i5-7200U	No	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	128GB SSD M.2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/17
20HR003CUS	US	i5-7300U	vPro	Intel HD 620	16GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/17
20HR003DUS	US	i7-7600U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/17
20HR003EUS	US	i5-7300U	vPro	Intel HD 620	8GB Soldered	14" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe NVMe Opal2	None	8265 ac, 2x2 + BT4.1	None	None	None	None	None	Black	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell (57Wh)	65W USB-C	Windows 10 Pro 64	3-year, Depot	02/17

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ThinkPad X250 Platform Specifications

Processor

5th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-4300U	2	4	1.9 GHz	2.9 GHz	3MB	DDR3L-1600	Intel HD graphics 4400
i3-5010U			2.1 GHz	-	3MB		Intel HD Graphics 5500
i5-5200U			2.2 GHz	2.7 GHz	3MB		
i5-5300U			2.3 GHz	2.9 GHz	3MB		
i7-5600U			2.6 GHz	3.2 GHz	4MB		

Graphics

Intel HD Graphics 5500 in processor,
supports external analog monitor via VGA and digital monitor via Mini DisplayPort;
supports three independent displays;
Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200@60Hz (VGA)

Chipset

Intel SoC (System on Chip) platform

Memory

16GB max / PC3-12800 1600MHz DDR3L, one 204-pin SO-DIMM socket

Display

Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio
Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS
Some: 12.5" (317.5mm) FHD (1920x1080), anti-glare, LED backlight, 400 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS

Multi-touch *(opt)*

Capacitive-type multi-touch, supports 10-finger gesture, 270 or 360 nits

Storage

Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™
Some: SSHD with 8GB NAND flash memory

M.2 SSD *(opt)*

M.2 Solid State Drive (SSD), via M.2 card slot

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I218-V (Clarkville)
vPro model: Intel Ethernet Connection I218-LM (Clarkville)

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WLAN[4]

One of the following, configurable by model:

- 11b/g/n, ThinkPad 11b/g/n, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 card
- 11b/g/n, Intel Wireless-N 7265, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 card
- 11a/b/g/n, Intel Dual Band Wireless-N 7265, 2x2, Wi-Fi + BT adapter, M.2 card
- 11ac, Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT adapter, M.2 card

WWAN *(optional)*

One of the following, configurable by model:

- Wireless WAN upgradable
- Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card
- Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card

SIM card *(opt)*

AT&T® or Verizon® LTE (4G), contract required with service provider

Dimensions[3]

12.5" (WxDxH): 12.0" x 8.21" x 0.80"; 305.5mm x 208.5mm x 20.3mm
12.5" Touch (WxDxH): 12.0" x 8.21" x 0.85"; 305.5mm x 208.5mm x 21.5mm

Weight[2]

Models	*No + 3-cell*	*3-cell + 3-cell*	*No + 6-cell*	*3-cell + 6-cell*
Non-touch	2.88 lb / 1.31 kg	3.13 lb / 1.42 kg	3.23 lb / 1.47 kg	3.48 lb / 1.58 kg
Multi-touch	-	3.29 lb / 1.49 kg	-	3.64 lb / 1.65 kg

Case material

Display cover: Glass-Fiber Reinforced Plastic (non-touch model) or Carbon-Fiber Reinforced Plastic (multi-touch model);
Bottom: Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector

Camera *(optional)*

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Realtek® ALC3232 codec / stereo speakers, 1.5W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 1.2, TCG Certified

ThinkEngine

Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Fingerprint reader on the keyboard bezel, swipe sensor

Internal battery

Optional: Integrated Li-Ion or Li-Polymer 3-cell *(23Wh)*

External battery

Li-Ion 3-cell *(23Wh)* or 6-cell *(48Wh or 72Wh)*

Max battery life[10]

Models	*No + 3-cell*	*3-cell + 3-cell*	*3-cell + 6-cell 48Wh*	*3-cell + 6-cell 72Wh*
Battery life	5.2 hr	10.7 hr	16.0 hr	21.4 hr

AC adapter

45W AC adapter

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit or Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- PC Device Stage
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- Norton™ Internet Security (30 days of virus definitions)

Some: Windows 8.1 64-bit
Some: Windows 8.1 Pro 64-bit
Some: Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo REACHit
- Lenovo Companion
- Microsoft Office preloaded; purchase a product key to activate
- Norton Internet Security (30 days of virus definitions, Win8 w/o i5/i7 model)
- McAfee® LiveSafe™ (30-day trial, Win8 i5/i7 and Win10 model)

Limited warranty[12]

One of the following, configurable by model:

- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]
- 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US) or EPEAT Silver (WE);
ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	M.2 SSD	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20CM002VUS	US	i5-5300U	vPro	Intel HD 5500	4GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	None + 6-cell(48Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20CM002WUS	US	i7-5600U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768)	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20CM002XUS	US	i5-5200U	No	Intel HD 5500	8GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20CM002YUS	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20CM0030US	US	i5-5300U	vPro	Intel HD 5500	4GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20CM0031US	US	i5-5300U	vPro	Intel HD 5500	4GBx1	12.5" HD (1366x768)	None	500GB 5400rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20CM0032US	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	None + 6-cell(48Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20CM0033US	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768)	None	180GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20CM0034US	US	i5-5300U	vPro	Intel HD 5500	4GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20CM0035US	US	i5-5300U	vPro	Intel HD 5500	4GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20CM0036US	US	i5-5200U	No	Intel HD 5500	4GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	01/15
20CM0046US	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	180GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	03/15
20CM0047US	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	03/15
20CM0048US	US	i7-5600U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	03/15
20CM0049US	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	500GB 5400rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	03/15
20CM004FUS	US	i5-5300U	vPro	Intel HD 5500	4GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	500GB 7200rpm Opal	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	05/15
20CM004GUS	US	i7-5600U	vPro	Intel HD 5500	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	500GB 7200rpm Opal	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	05/15
20CM004HUS	US	i7-5600U	vPro	Intel HD 5500	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	05/15
20CM005GUS	US	i5-5200U	No	Intel HD 5500	4GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm Opal	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005HUS	US	i5-5200U	No	Intel HD 5500	4GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	M.2 SSD	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20CM005JUS	US	i5-5300U	vPro	Intel HD 5500	4GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005KUS	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005LUS	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005MUS	US	i7-5600U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005NUS	US	i7-5600U	vPro	Intel HD 5500	16GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005PUS	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	128GB SSD	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005QUS	US	i7-5600U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	512GB SSD	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005RUS	US	i5-4300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005SUS	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005TUS	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	128GB SSD	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005UUS	US	i7-5600U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	128GB SSD	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005VUS	US	i7-5600U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005WUS	US	i5-5300U	vPro	Intel HD 5500	4GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005XUS	US	i7-5600U	vPro	Intel HD 5500	4GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM005YUS	US	i7-5600U	vPro	Intel HD 5500	16GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM0060US	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	08/15
20CM0083US	US	i7-5600U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20CM0084US	US	i7-5600U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20CM0085US	US	i5-5200U	No	Intel HD 5500	4GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20CM0086US	US	i7-5600U	vPro	Intel HD 5500	16GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	M.2 SSD	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20CM0087US	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	180GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20CM0088US	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20CM0089US	US	i7-5600U	vPro	Intel HD 5500	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20CM008AUS	US	i7-5600U	vPro	Intel HD 5500	16GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20CM008BUS	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	09/15
20CM008DUS	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	09/15
20CM008EUS	US	i5-5200U	No	Intel HD 5500	8GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	16GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	09/15
20CM008FUS	US	i5-5300U	vPro	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	180GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	09/15
20CM008GUS	US	i5-5200U	No	Intel HD 5500	8GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm Opal	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	09/15
20CM008HUS	US	i5-5200U	No	Intel HD 5500	8GBx1	12.5" HD (1366x768)	None	128GB SSD	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	09/15
20CMA00FUS	US	i7-5600U	vPro	Intel HD 5500	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	None	Intel 7265 ac, 2x2 + BT4.0	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win8.1 DG Win7 Pro 64	3-year, Depot	03/15

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ThinkPad X260 Platform Specifications

Processor

6th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD graphics 520
i3-6100U			2.3 GHz	-	3MB		
i5-6200U			2.3 GHz	2.8 GHz	3MB		
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

Graphics

Intel HD Graphics 520 in processor,
supports external digital monitor via HDMI or Mini DisplayPort;
supports three independent displays;
Max resolution: 4096x2304@60Hz (DisplayPort via Mini DisplayPort cable);
4096x2160@24Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

16GB max / 2133MHz DDR4, one DDR4 SO-DIMM socket

Display

Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio
Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle
Some: 12.5" (317.5mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch

None

Storage

Some: SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxG SSD PCIe NVMe)
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Shock Mounted Hard Drive, Active Protection System™
Some: SSHD with 8GB NAND flash memory

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN[4]

One of the following, configurable by model:
- 11ac+BT, Broadcom BCM4356, 2x2, M.2 card
- 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)*

One of the following, configurable by model (mutually exclusive with WiGig):
- Wireless WAN upgradable
- Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card
- Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)

SIM card *(opt)*

Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card

Dimensions[3]

WxDxH: 12.03" x 8.21" x 0.80"; 305.5mm x 208.5mm x 20.3mm

Weight[2]

Models	*No + 3-cell*	*3-cell + 3-cell*	*3 + 6-cell 48Wh*	*3-cell + 6-cell 72Wh*
Weight	2.94 lb / 1.34 kg	3.18 lb / 1.44 kg	3.51 lb / 1.59 kg	3.58 lb / 1.62 kg

Case material

Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.0 (one Always On), HDMI, MiniDP, Ethernet (RJ-45), Dock connector

WiGig dock

None

Monitor cable

Optional: HDMI to VGA Monitor Cable or Mini DisplayPort to VGA Monitor Cable

Camera *(optional)*

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Realtek® ALC3245 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

ThinkEngine

Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Swipe style fingerprint reader on the keyboard bezel

Internal battery

Optional: Integrated Li-Ion or Li-Polymer 3-cell *(23Wh)*

External battery

Li-Ion 3-cell *(23Wh)* or 6-cell *(48Wh or 72Wh)*

Max battery life[10] **(*MobileMark® 2014*)**

Models	*No + 3-cell*	*3-cell + 3-cell*	*3-cell + 6-cell 48Wh*	*3-cell + 6-cell 72Wh*
Max battery life	6 hr	12 hr	18.5 hr	25 hr

AC adapter

45W AC adapter

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Limited warranty[12]

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service[24]
- 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant

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January 2017

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20F6005EUS	US	i5-6200U	No	Intel HD 520	4GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20F6005FUS	US	i3-6100U	No	Intel HD 520	4GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20F6005GUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20F6005HUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20F6005JUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20F6005KUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20F6005LUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20F6005MUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" HD (1366x768)	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20F6005NUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20F6005QUS	US	i3-6100U	No	Intel HD 520	4GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20F6005RUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20F6005SUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	01/16
20F60068US	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	03/16
20F60069US	US	i5-6300U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	03/16
20F6006AUS	US	i5-6300U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	03/16
20F6006BUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	500GB SSHD 5400rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	03/16
20F6006CUS	US	i5-6300U	No	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	500GB SSHD 5400rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	03/16
20F6006DUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	500GB SSHD 5400rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	03/16
20F6006EUS	US	i5-6300U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	500GB SSHD 5400rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	03/16
20F6006FUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	03/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20F6006GUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" HD (1366x768) IPS	None	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20F6006HUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20F6006JUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" HD (1366x768)	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20F6006KUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" HD (1366x768)	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20F6006LUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20F6006NUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" HD (1366x768) IPS	None	192GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20F6006PUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" HD (1366x768)	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20F6006QUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768)	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20F6006RUS	US	i5-6300U	vPro	Intel HD 520	4GBx1	12.5" HD (1366x768)	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20F6006SUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 6-cell(48Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20F6006TUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	03/16
20F6008GUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F6008HUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F6008JUS	US	i7-6500U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F6008KUS	US	i7-6500U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F6008LUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16
20F6008MUS	US	i7-6500U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F6008NUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F6008PUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F6008QUS	US	i3-6100U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20F6008RUS	US	i3-6100U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F6008SUS	US	i3-6100U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F6008TUS	US	i7-6500U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F6008UUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F6008VUS	US	i7-6500U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F6008WUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	04/16
20F6008XUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Non-backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16
20F60092US	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16
20F60093US	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16
20F60094US	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16
20F60095US	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16
20F60096US	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16
20F60097US	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16
20F60098US	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16
20F60099US	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16
20F6009AUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16
20F6009BUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16
20F6009CUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16
20F6009DUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16
20F6009EUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 DG Win7 Pro 64	3-year, Depot	05/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Keyboard	Fingerprint Reader	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20F600A8US	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	10/16
20F600A9US	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	10/16
20F600AAUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	None	180GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	10/16
20F600ABUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	720p	Backlit	Fingerprint Reader	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	10/16

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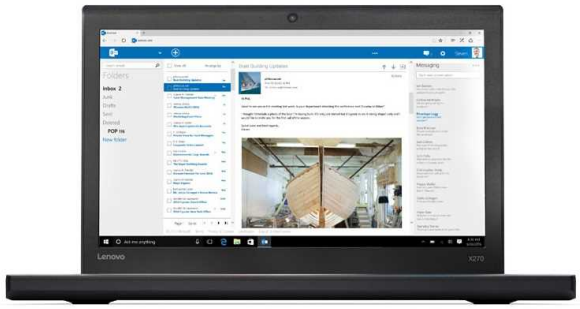

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ThinkPad X270 Platform Specifications

Processor

6th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	DDR4-2133	Intel HD Graphics 520
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

or 7th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics

Intel HD Graphics 520 or 620 in processor;
supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2160@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

16GB max / 2400MHz DDR4, one DDR4 SO-DIMM socket
* System clocks down for processors with lower memory controller

Display

Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 800:1 contrast ratio, 170° viewing angle
Some: 12.5" (317.5mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch

None

Storage

System has one HDD slot or one M.2 2280 slot exclusively for storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Active Protection System™
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WiGig
Some: 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as storage cache for HDD, mutually exclusive with WiGig

Optical

None

Ethernet

Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN

One of the following, configurable by model (WiGig is mutually exclusive with WWAN):
- Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
- Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
** Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS*

WWAN *(optional)*

One of the following, configurable by model (mutually exclusive with WiGig):
- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card
- Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only)

SIM card *(opt)*

Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions

WxDxH: 12.03" x 8.21" x 0.80"; 305.5mm x 208.5mm x 20.3mm

Weight

Models	*No + 3-cell*	*3-cell + 3-cell*	*3 + 6-cell*
Weight	2.79 lb / 1.27 kg	2.98 lb / 1.36 kg	3.33 lb / 1.52 kg

Case color

Black

Case material

Glass-Fiber Reinforced Plastic

Smart card reader

Optional: Smart card reader

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.1 Gen 1 / USB 3.0 (one Always On), USB 3.1 Type-C Gen 1 / Power Delivery 2.0, HDMI 1.4b, Ethernet (RJ-45), Dock connector

WiGig dock *(opt)*

ThinkPad WiGig dock, mutually exclusive with WWAN

Monitor cable *(optional)*

HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera *(optional)*

HD720p resolution, fixed focus

Audio support

HD Audio, Realtek ALC3268 codec / stereo speakers, 1.5W x 2 / dual array microphone, combo audio/microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Win7 model: discrete TPM 1.2, TCG Certified
Win10 model: discrete TPM 2.0, TCG Certified

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style match on chip fingerprint reader on the palm rest

NFC *(optional)*

Near Field Communication

Internal battery

Optional: Integrated Li-Ion or Li-Polymer 3-cell *(23Wh)*

External battery

Li-Ion 3-cell *(23Wh)* or 6-cell *(48Wh or 72Wh)*

Max battery life

MobileMark® 2014: 13.04 hr *(3-cell + 3-cell)*

AC adapter

45W AC adapter (slim tip) or 45W USB Type-C AC adapter

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Camera	Key-board	Finger-print Reader	NFC	TPM	Battery (internal+ external)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20HN001FUS	US	i5-7200U	No	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HN001GUS	US	i7-7600U	vPro	Intel HD 620	16GBx1	12.5" FHD (1920x1080) IPS	None	512GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HN001HUS	US	i7-7500U	No	Intel HD 620	16GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HN001JUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HN001KUS	US	i5-7200U	No	Intel HD 620	8GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HN001LUS	US	i5-7300U	vPro	Intel HD 620	8GBx1	12.5" HD (1366x768) IPS	None	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HN001MUS	US	i7-7500U	No	Intel HD 620	16GBx1	12.5" FHD (1920x1080) IPS	None	512GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HN001NUS	US	i7-7600U	vPro	Intel HD 620	16GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HN001PUS	US	i3-7100U	No	Intel HD 620	4GBx1	12.5" HD (1366x768) IPS	None	500GB 7200rpm	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HN001QUS	US	i7-7600U	vPro	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	02/17
20HN001RUS	US	i7-7500U	No	Intel HD 620	8GBx1	12.5" FHD (1920x1080) IPS	None	256GB SSD PCIe NVMe Opal2	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	None	None	720p	Backlit	Finger-print Reader	None	dTPM 2.0	3-cell(23Wh) + 3-cell(23Wh)	45W	Win10 Pro 64	3-year, Depot	02/17

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Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty: For a copy of applicable product warranties, go to http://support.lenovo.com/en_US/product-service/warranty-status/WarrantyPolicies.page. Lenovo makes no representation or warranty regarding third party products or services.

Footnotes:

[1] Power management, including Intel® SpeedStep® Technology, reduces processor speed when in battery mode.

[2] **Weight** includes battery and standard optical drive; weight may vary due to vendor components, manufacturing process and options.

[3] **Thinness** may vary at certain points on the system.

[4] **Wireless capability:** Requires compatible wireless-enabled options sold separately.

[5] **TAA:** ThinkPad notebook is compliant with the U.S. Federal Government's country-of-origin requirements prescribed in 48 C.F.R. Subpart 25.4; Trade Act Agreement (TAA) model.

[6] **Public network download modem speeds** are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.

[7] **Maximum memory capacity** may require the replacement of standard component with largest supported component available. On ThinkPad systems, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems.

[8] **Hard drive:** GB = billion bytes,
TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.

[10] **Battery:** These model numbers achieved the battery life based on MobileMark® 2012 during testing. Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.

[11] **External monitor:** This system supports a maximum of two external monitors. The integrated display(s) must be disabled to support two external monitors.

[12] **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.

[14] **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

[16] **Activating Verizon Wireless Service:** Lenovo customers will be contacted after purchase to activate service; requires separate agreement with Verizon Wireless and is subject to the Customer Agreement, Calling Plan, and credit approval. Service, airtime, and early termination charges may apply. Verizon Wireless, not Lenovo, is solely responsible for service. Service not available in all areas; purchaser is responsible for verifying that service is available for the intended location before purchasing a computer equipped with WAN card. Network details, coverage limitations, and maps at www.verizonwireless.com.

[17] **International Warranty Service (IWS)** is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.

[19] **Depot repair service:** The customer may be asked certain diagnostic questions before a courier is sent. Your ThinkPad purchase includes this depot repair service, available in the U.S. during the limited warranty period.

[20] **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to lenovo.com/pc/support and enter your machine type and model number for more information.

[22] **Lenovo Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part will be express shipped to you for quick replacement. Onsite 24x7x2-hour service is not available in all locations. For ThinkPad notebooks requiring LCD or other component replacement, Lenovo may choose to perform service at the depot repair center. Calls must be received by 5 pm local time in order to qualify for Next Business Day service. P&L means parts and labor. P/U means pick-up. See Lenovo Warranty Services terms and conditions for complete details and restrictions.

[23] **Activating AT&T Wireless Service:** Requires separate agreement with AT&T, subject to service agreement, rate plan and coverage maps. AT&T, not Lenovo, is solely responsible for service. Coverage not available in all areas; AT&T Broadband-Connect available in select metropolitan markets. Special credit and tenure restrictions and additional charges may apply to international roaming. A network connection, third-party software, additional hardware, and/or subscription to a third-party service may be required for certain solutions/applications. Additional restrictions apply, including early termination fee; see www.wireless.att.com for details. To activate call Lenovo Wireless Activation Hot Line at 1-877-299-4710.

[26] **Full-size keyboard:** As defined by ISO/IEC 15412.

[30] **Measures only maximum** data transfer rate, not application performance. Many factors affect application performance.

[24] **Limited onsite service systems** are designed to be repaired during the applicable warranty period primarily with customer-replaceable parts provided by Lenovo. Lenovo will only send a technician onsite to perform a repair if (a) remote telephone diagnosis and/or customer part replacement are unable to resolve the problem, or (b) the part is one of the few designated by Lenovo for onsite replacement. For a list of onsite replaceable parts, contact Lenovo. Support unrelated to a warranty issue may be subject to additional charges. Lenovo onsite repair (LOR), 8 am to 5 pm, Monday through Friday coverage excluding holidays, next business day (NBD) response time.

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Version 497, November 2016

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Summary of Changes

This section describes the technical changes made in this edition.
This edition might also include minor corrections and editorial changes which are not identified.

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Additions in this update

►**New product(s)**
None

►**New model(s)**
ThinkPad 10 (2nd Gen) new models announced November 2016
ThinkPad X1 Tablet new models announced October 2016
ThinkPad Yoga 260 new models announced November 2016

►**Others**
None

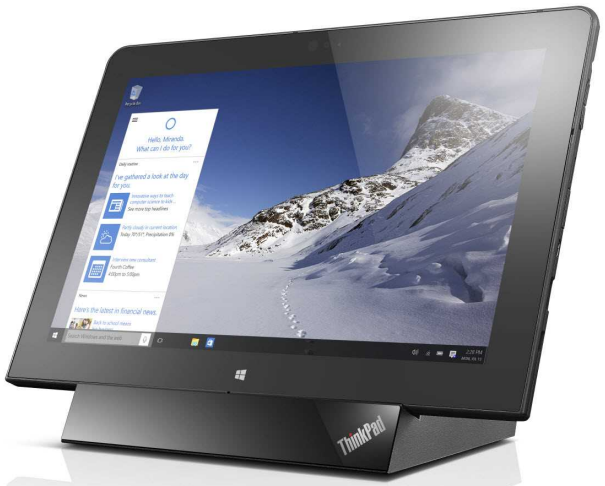
Changes in this update

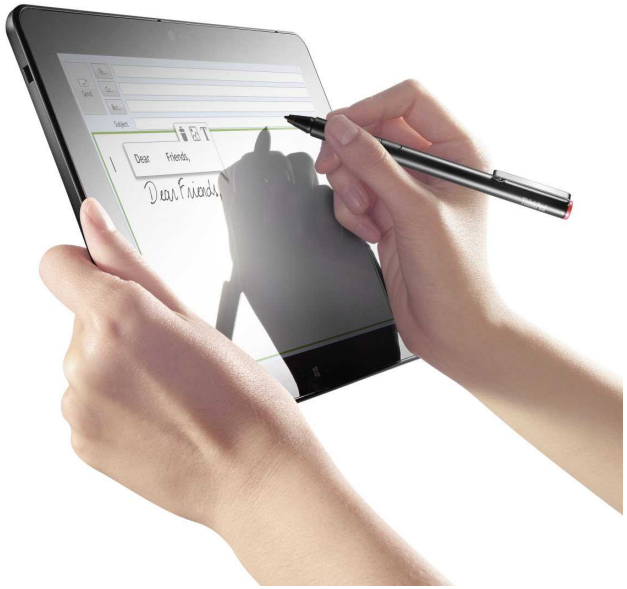
None

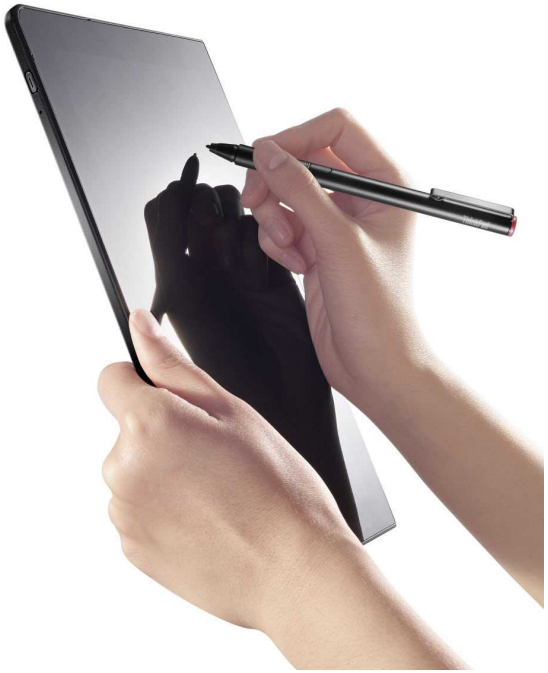
Withdrawals in this update

►**Withdrawn product(s)**

ThinkPad Helix (2nd Gen) withdrawn November 2016







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ThinkPad 10 (2nd Gen) Platform Specifications

Positioning	*Touchscreen tablet with a full PC experience and superior versatility*
Processor	Intel® Atom Processor

Processor Number	# of Cores	# of Threads	Clock Speed	Burst Frequency	Cache	Memory Types	Processor Graphics
x7-Z8700	4	4	1.60 GHz	2.40 GHz	2MB	LPDDR3-1600	Intel HD Graphics
x7-Z8750	4	4	1.60 GHz	2.56 GHz	2MB	LPDDR3-1600	

Graphics	**Intel HD Graphics** in processor, supports 1080p video out via micro-HDMI™ connector, HDCP-compliant
Chipset	**Intel Atom SoC (System on Chip) platform**
Memory	*Some:* 2GB / 1600MHz LPDDR3, mobile DDR / soldered to systemboard *Some:* 4GB / 1600MHz LPDDR3, mobile DDR / soldered to systemboard *All:* no sockets, dual-channel capable
Display	**10.1"** (256.5mm) **WUXGA (1920x1200) TFT color**, anti-figerprint display with Corning® Gorilla® Glass, WideView (170° viewing), LED backlight, 400 nits, 16:10 aspect ratio, 800:1 contrast ratio, IPS,
Multi-touch	Multi-touch screen, supports ten-finger gesture
Pen	*Optional:* ThinkPad Pen Pro, supports pressure modes / two buttons for input / batteries required (no pen holder in form factor design)
Storage	64GB or 128GB / eMMC (embedded Multi Media Card) flash memory on board
Optical	None
Storage extension	One microSD card slot, supports up to 128GB
Ethernet	None
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
WLAN	11ac wireless, BCM4356, 802.11ac, 2x2, WiFi + Bluetooth combo chip
WWAN	*Optional:* Sierra Wireless EM7345, 4G LTE/HSPA/GSM/GPRS/EDGE, GPS
SIM card *(Micro)*	None
Smart Card Read	*Optional:* Smart card reader (SCR)
Dimensions	10.09" x 6.96" x 0.36"; 256.5mm x 177.0mm x 9.10mm 10.09" x 6.96" x 0.67"; 256.5mm x 177.0mm x 17.10mm (with SCR)
Weight	*WiFi only:* from 1.32 lb (0.597kg); *WiFi + WWAN:* from 1.36 lb (0.618kg); *WiFi + WWAN + SCR:* from 1.43 lb (0.648kg)
Case color	Graphite black
Case material	Polyamide and Glass Fiber Reinforced
Media reader	One microSD card slot (SDXC/SDHC, UHS-I), supports up to 128GB
Ports	One standard USB 3.0, one micro-HDMI, headphone/microphone combo jack, one Living Hinge Docking connector, one keyboard connector, one micro SIM slot
Monitor cable	None
Control buttons	Windows button, power button, volume control button, reset switch

Camera	*Front camera:* 1.2-megapixel, fixed focus *Rear camera:* 5.0-megapixel, auto focus, flash LED
Video capture	1080p video capture
Audio support	Realtek® ALC5672 codec / stereo speakers, 1.0 watt x 2 / 3 digital front microphones, combo audio/microphone jack
Media capable	Audio formats: MP3, AAC, AAC+, eAAC+, WAV, PCM, WMA Video formats: MPEG-4, H.263, H.264, VC-1, WMV9, Xvid
Keyboard	*Non-pro:* Ultrabook keyboard, mechanical keyboard, pen holder *Folio:* Folio keyboard, thin keyboard, pen loop
Security	Kensington lock slot
Security chip	*Some:* Firmware TPM 2.0, integrated in chipset *Some:* Discrete TPM 1.2, TCG Certified *Some:* Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset
vPro & iAMT	None
Fingerprint reader	*Optional:* Fingerprint reader on the A Cover
NFC	*Optional:* Near Field Communication
Battery - type	Lithium polymer, 32Whr
Battery - life	up to 26 days (standby); up to 10 hr (local video playback)
AC adapter	36-watt AC adapter
Light sensor	Ambient Light Sensor, InterSil ISL29035
G-sensor	3D accelerometer
Compass	3D compass
Gyroscope	3D gyrometer
GPS	GPS function is integrated into WWAN module
Preload	*Some:* Windows 10 Pro 64 *Some:* Windows 10 Home 64 *Some:* Windows 10 Home Single Language 64 • Lenovo Solution Center • Lenovo Companion (includes System Update) • Lenovo REACHit • Lenovo Settings • Lenovo SHAREit • Lenovo WRITEit • Microsoft® Office preloaded; purchase a product key to activate • McAfee LiveSafe (30 days of virus definitions)
Limited warranty	**1-year** - depot repair service/ service upgrades available
Mil-Spec test	MIL-STD-810G military certification
Environment	RoHS, GREENGUARD, Low Halogen

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Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera (Front / Rear)	Keyboard Docking	Smart Cover	Pen	Finger-print Reader	NFC	TPM	Operating System	Warranty	Global	Ann Date (m/y)
20E3000QUS	US	Atom Z8700	Intel HD	2GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	64GB eMMC	None	11ac, 2x2 + BT4.0	None	None	None	1.2MP / 5.0MP	None	None	None	Finger-print Reader	None	FW TPM 2.0	Win10 Pro 64	1-year, Depot	No	07/15
20E3000RUS	US	Atom Z8700	Intel HD	2GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	64GB eMMC	None	11ac, 2x2 + BT4.0	Sierra EM7345	None	None	1.2MP / 5.0MP	Non-pro Keyboard	None	None	Finger-print Reader	None	FW TPM 2.0	Win10 Pro 64	1-year, Depot	No	07/15
20E3000SUS	US	Atom Z8700	Intel HD	2GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	64GB eMMC	None	11ac, 2x2 + BT4.0	None	None	None	1.2MP / 5.0MP	Non-pro Keyboard	None	None	Finger-print Reader	None	FW TPM 2.0	Win10 Pro 64	1-year, Depot	No	07/15
20E3000TUS	US	Atom Z8700	Intel HD	2GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	64GB eMMC	None	11ac, 2x2 + BT4.0	Sierra EM7345	None	None	1.2MP / 5.0MP	None	None	None	Finger-print Reader	None	FW TPM 2.0	Win10 Pro 64	1-year, Depot	No	07/15
20E3000UUS	US	Atom Z8700	Intel HD	4GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	128GB eMMC	None	11ac, 2x2 + BT4.0	Sierra EM7345	None	None	1.2MP / 5.0MP	None	None	None	Finger-print Reader	None	FW TPM 2.0	Win10 Pro 64	1-year, Depot	No	07/15
20E3000VUS	US	Atom Z8700	Intel HD	4GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	128GB eMMC	None	11ac, 2x2 + BT4.0	None	None	None	1.2MP / 5.0MP	None	None	None	Finger-print Reader	None	FW TPM 2.0	Win10 Pro 64	1-year, Depot	No	07/15
20E3000WUS	US	Atom Z8700	Intel HD	4GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	128GB eMMC	None	11ac, 2x2 + BT4.0	Sierra EM7345	None	None	1.2MP / 5.0MP	Non-pro Keyboard	None	None	Finger-print Reader	None	FW TPM 2.0	Win10 Pro 64	1-year, Depot	No	07/15
20E3000XUS	US	Atom Z8700	Intel HD	4GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	128GB eMMC	None	11ac, 2x2 + BT4.0	None	None	None	1.2MP / 5.0MP	Non-pro Keyboard	None	None	Finger-print Reader	None	FW TPM 2.0	Win10 Pro 64	1-year, Depot	No	07/15
20E3002DUS	US	Atom Z8700	Intel HD	2GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	64GB eMMC	None	11ac, 2x2 + BT4.0	Sierra EM7345	None	None	1.2MP / 5.0MP	Non-pro Keyboard	None	None	Finger-print Reader	NFC	FW TPM 2.0	Win10 Pro 64	1-year, Depot	No	11/15
20E3002EUS	US	Atom Z8700	Intel HD	2GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	64GB eMMC	None	11ac, 2x2 + BT4.0	Sierra EM7345	None	None	1.2MP / 5.0MP	None	None	None	Finger-print Reader	NFC	FW TPM 2.0	Win10 Pro 64	1-year, Depot	No	11/15
20E30031US	US	Atom Z8750	Intel HD	4GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	128GB eMMC	None	11ac, 2x2 + BT4.0	Sierra EM7345	None	Smart Card Reader	1.2MP / 5.0MP	None	None	None	Finger-print Reader	None	dTPM1.2 + FW TPM2.0	Win10 Pro 64	1-year, Depot	No	04/16
20E30032US	US	Atom Z8750	Intel HD	4GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	128GB eMMC	None	11ac, 2x2 + BT4.0	None	None	None	1.2MP / 5.0MP	None	None	None	Finger-print Reader	None	dTPM1.2 + FW TPM2.0	Win10 Pro 64	1-year, Depot	No	04/16
20E30033US	US	Atom Z8750	Intel HD	2GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	64GB eMMC	None	11ac, 2x2 + BT4.0	Sierra EM7345	None	None	1.2MP / 5.0MP	None	None	None	Finger-print Reader	NFC	dTPM1.2 + FW TPM2.0	Win10 Pro 64	1-year, Depot	No	04/16
20E30034US	US	Atom Z8750	Intel HD	4GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	128GB eMMC	None	11ac, 2x2 + BT4.0	Sierra EM7345	None	None	1.2MP / 5.0MP	None	None	None	Finger-print Reader	NFC	dTPM1.2 + FW TPM2.0	Win10 Pro 64	1-year, Depot	No	04/16
20E30035US	US	Atom Z8750	Intel HD	2GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	64GB eMMC	None	11ac, 2x2 + BT4.0	None	None	None	1.2MP / 5.0MP	None	None	None	Finger-print Reader	None	dTPM1.2 + FW TPM2.0	Win10 Pro 64	1-year, Depot	No	04/16
20E3003HUS	US	Atom Z8750	Intel HD	2GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	64GB eMMC	None	11ac, 2x2 + BT4.0	Sierra EM7345	None	None	1.2MP / 5.0MP	None	Cover	None	Finger-print Reader	None	dTPM1.2 + FW TPM2.0	Win10 Pro 64	1-year, Depot	No	11/16
20E3003JUS	US	Atom Z8750	Intel HD	4GB Soldered	10.1" WUXGA (1920x1200) IPS	10-point Multi-touch	128GB eMMC	None	11ac, 2x2 + BT4.0	Sierra EM7345	None	None	1.2MP / 5.0MP	None	None	None	Finger-print Reader	None	dTPM1.2 + FW TPM2.0	Win10 Pro 64	1-year, Depot	No	11/16

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ThinkPad X1 Tablet Platform Specifications

Processor — 6th Generation Intel® Core™ M Processor

Processor Number	# of Cores	# of Threads	Clock Speed	Burst Frequency	Cache	Memory Types	Processor Graphics	vPro
m3-6Y30	2	4	0.90 GHz	2.20 GHz	4MB	LPDDR3-1866	Intel HD Graphics 515	No
m5-6Y54	2	4	1.10 GHz	2.70 GHz	4MB			No
m5-6Y57	2	4	1.10 GHz	2.80 GHz	4MB			Yes
m7-6Y75	2	4	1.20 GHz	3.10 GHz	4MB			Yes

Graphics — Intel HD Graphics 515 in processor, supports 1080p video out via Mini DisplayPort connector

Chipset — Intel SoC (System on Chip) platform

Memory
- *Some:* 4GB / 1866MHz LPDDR3, mobile DDR / soldered to systemboard
- *Some:* 8GB / 1866MHz LPDDR3, mobile DDR / soldered to systemboard
- *Some:* 16GB / 1866MHz LPDDR3, mobile DDR / soldered to systemboard
- *All:* no sockets, dual-channel capable

Display — 12.0" (304.8mm) FHD+ (2160x1440), glare, LED backlight, IPS, anti-figerprint display with Corning® Gorilla® Glass, WideView (170° viewing), 360 nits, 3:2 aspect ratio, 800:1 contrast ratio

Multi-touch — Capacitive touch panel, supports ten-finger gesture

Pen — *Optional:* ThinkPad Pen Pro, active pen for multi-touch display

Kick stand — Opening angle up to 90 degrees

Storage
- *Some:* M.2 SSD / SATA 6.0Gb/s
- *Some:* M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s

Optical — None

Storage extension — One microSD card slot, supports up to 64GB

Ethernet — None

WLAN — *One of the following, configurable by model (WiGig is mutually exclusive with IR camera):*
- 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 Card
- WiGig™+11AC+BT, Intel Tri-Band Wireless-AC 18260, 2x2 WLAN, WiGig, M.2 Card

Bluetooth™ — Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN — *One of the following, configurable by model:*
- Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card

SIM card — Nano-SIM, optional Lenovo Connect (WE) SIM card

Dimensions — *Tablet only:* 11.48" x 8.25" x 0.34"; 291.5mm x 209.5mm x 8.75mm

Weight
- *Tablet only:* from 1.69 lb, 767g;
- *Tablet+keyboard:* from 2.35 lb, 1.07kg (767g+300g);
- *Tablet+keyboard+Productivity:* from 2.89 lb, 1.31kg (767g+300g+245g);
- *Tablet+Productivity:* from 2.23 lb, 1.01kg (767g+245g);
- *Tablet+Presenter:* from 2.15 lb, 0.98kg (767g+210g);
- *Tablet+3D Imgaging:* from 2.06 lb, 0.94kg (767g+168g)

Case color — Black

Case material — Magnesium + PPS Hybrid injection

Smart Card Read — *Optional:* NFC-compatible smart card reader via NFC

Media reader — One microSD card slot (micro SD/SDXC/SDHC), supports up to 64GB

Ports — One standard USB 3.0, one USB Type-C, one Mini DisplayPort, headphone/microphone combo jack, one Pogo keyboard connector, one cartrige connector for optional modules, one nano-SIM slot

Control buttons — Power button, volume control button, reset switch

WiGig dock — *Optional:* WiGig dock, mutually exclusive with IR camera

Monitor Cable (optional)
- *mDP-HDMI:* Lenovo Mini DisplayPort to HDMI Monitor Cable
- *mDP-VGA:* Lenovo Mini DisplayPort to VGA Monitor Cable

Adapter (optional)
- *USB-RJ45:* USB 3.0 to RJ45 adapter
- *USB-C-VGA:* USB-C to VGA plus power adapter
- *USB-C-HDMI:* USB-C to HDMI plus power adapter

Camera
- *Front camera:* 2.0-megapixel, fixed focus
- *Rear camera:* 8.0-megapixel, auto focus, flash LED

Optional Cameras
- *3D camera:* RealSense R200 3D camera on 3D Imaging module
- *IR camera:* infra-red (IR) camera, mutually exclusive WiGig and NFC

Video capture — 1080p video capture

Audio support — Realtek® ALC3268 codec / stereo speakers, 0.5 watt x 2 / three microphones, combo audio/microphone jack

Pogo Keyboard — Magnetic attached thin keyboard, with TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Keyboard color — Black, red, and silver

Security — Kensington lock slot

Security chip — Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

vPro (optional) — Intel vPro Technology

Fingerprint reader — *Optional:* Touch style Fingerprint reader

NFC — *Optional:* Near Field Communication, mutually exclusive IR camera

Module — *One of the following, configurable by model*
- Dummy base cartridge
- Productivity module, USB3.0 x 1, HDMI, OneLink+, 5 hrs battery (24Whr)
- Presenter module, Pico projector, HDMI and 10Whr battery for presenter
- 3D imaging module, USB3.0 x 1, RealSense 3D camera and HDMI

Battery - type — Lithium polymer, 37Whr

Battery - life — up to 10 hr (local video playback)

AC adapter — 45-watt USB Type-C adapter

Light sensor — Ambient Light Sensor

G-sensor — 3D accelerometer

Compass — 3D compass

Gyroscope — 3D gyrometer

GPS — GPS function is integrated into WWAN module

Preload
- *Some:* Windows 10 Pro 64
- *Some:* Windows 10 Home 64
- Lenovo Solution Center
- Lenovo Companion
- Lenovo Settings
- Microsoft® Office preloaded; purchase a product key to activate

Limited warranty — 1-year - depot repair service/ service upgrades available
3-year - depot repair service/ service upgrades available

Mil-Spec test — MIL-STD-810G military certification

Environment — EPEAT™ Gold, RoHS, GREENGUARD, Low Halogen

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	WLAN + Bluetooth	WWAN	SIM Card	Dock	Monitor Cable	Camera (Front / Rear)	Keyboard Docking	Pen	Fingerprint Reader	NFC	Module	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20GG0000US	US	m3-6Y30	No	Intel HD 515	4GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	192GB SSD M.2	8260 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	1-year, Depot	08/16
20GG001JUS	US	m5-6Y57	vPro	Intel HD 515	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	192GB SSD M.2	8260 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	3-year, Depot	08/16
20GG001KUS	US	m5-6Y57	vPro	Intel HD 515	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	8260 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	1-year, Depot	08/16
20GG001LUS	US	m5-6Y57	vPro	Intel HD 515	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2	8260 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	3-year, Depot	08/16
20GG001MUS	US	m3-6Y30	No	Intel HD 515	4GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	8260 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	1-year, Depot	08/16
20GG001NUS	US	m7-6Y75	vPro	Intel HD 515	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	8260 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	1-year, Depot	08/16
20GG001PUS	US	m7-6Y75	vPro	Intel HD 515	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	8260 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	3-year, Depot	08/16
20GG001QUS	US	m7-6Y75	vPro	Intel HD 515	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2	8260 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	3-year, Depot	08/16
20GG001RUS	US	m7-6Y75	vPro	Intel HD 515	16GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	18260 ac, 2x2 + BT4.1	None	None	WiGig Dock	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	3-year, Depot	08/16
20GG001SUS	US	m7-6Y75	vPro	Intel HD 515	16GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2	18260 ac, 2x2 + BT4.1	None	None	WiGig Dock	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	3-year, Depot	08/16
20GG001UUS	US	m3-6Y30	No	Intel HD 515	4GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	128GB SSD M.2	8260 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	1-year, Depot	08/16
20GG001VUS	US	m5-6Y57	vPro	Intel HD 515	4GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	128GB SSD M.2	8260 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	1-year, Depot	08/16
20GG002DUS	US	m5-6Y57	vPro	Intel HD 515	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	NFC	None	2-cell (37Wh)	45W	Windows 10 Pro 64	3-year, Depot	05/16
20GG002EUS	US	m7-6Y75	vPro	Intel HD 515	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	NFC	None	2-cell (37Wh)	45W	Windows 10 Pro 64	3-year, Depot	05/16
20GG002FUS	US	m7-6Y75	vPro	Intel HD 515	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	NFC	None	2-cell (37Wh)	45W	Windows 10 Pro 64	3-year, Depot	05/16
20GG0031US	US	m7-6Y75	vPro	Intel HD 515	16GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	NFC	None	2-cell (37Wh)	45W	Windows 10 Pro 64	1-year, Depot	04/16
20GG0032US	US	m7-6Y75	vPro	Intel HD 515	16GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	8260 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	1-year, Depot	08/16
20GG0033US	US	m7-6Y75	vPro	Intel HD 515	16GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	NFC	None	2-cell (37Wh)	45W	Windows 10 Pro 64	1-year, Depot	08/16
20GG0034US	US	m7-6Y75	vPro	Intel HD 515	16GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2	8260 ac, 2x2 + BT4.1	None	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	1-year, Depot	08/16
20GG004XUS	US	m7-6Y75	vPro	Intel HD 515	16GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	1-year, Depot	10/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	WLAN + Bluetooth	WWAN	SIM Card	Dock	Monitor Cable	Camera (Front / Rear)	Keyboard Docking	Pen	Fingerprint Reader	NFC	Module	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20GG004YUS	US	m7-6Y75	vPro	Intel HD 515	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	3-year, Depot	10/16
20GG0050US	US	m7-6Y75	vPro	Intel HD 515	16GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	3-year, Depot	10/16
20GG0051US	US	m5-6Y57	vPro	Intel HD 515	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	3-year, Depot	10/16
20GG0052US	US	m7-6Y75	vPro	Intel HD 515	16GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	3-year, Depot	10/16
20GG0053US	US	m7-6Y75	vPro	Intel HD 515	16GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	1-year, Depot	10/16
20GG0054US	US	m7-6Y75	vPro	Intel HD 515	8GB Soldered	12" FHD+ (2160x1440) IPS	10-point Multi-touch	512GB SSD M.2	8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	2.0MP / 8.0MP	Black Pogo Keyboard	ThinkPad Pen Pro	Fingerprint Reader	None	None	2-cell (37Wh)	45W	Windows 10 Pro 64	3-year, Depot	10/16

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ThinkPad P40 Yoga Platform Specifications

Processor

6th Generation Intel® Core™ i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	vPro
i7-6500U	2	4	2.5 GHz	3.1 GHz	4MB	DDR3L-1600	Intel HD Graphics 520	No
i7-6600U			2.6 GHz	3.4 GHz	4MB			vPro

Graphics

Intel HD Graphics 520 in processor and
Nvidia Quadro M500M Graphics, 2GB DDR3 memory,
supports external digital monitor via HDMI, or Mini DisplayPort;
supports dual independent display;
Max resolution: 3840x2160 (Mini DisplayPort)@60Hz; 1920x1080 (HDMI)@60Hz

Chipset

Intel SoC (System on Chip) platform

Memory

16GB max / 1600MHz DDR3L / one 204-pin SO-DIMM sockets

Display

Some: 14.0" (355mm) WQHD (2560x1440), glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio

Multi-touch

Capacitive touch panel, supports 10-finger gesture

Hinge

Yoga hinge, 360 degree

Convert-mode

Laptop, tent, stand, and tablet

Pen

ThinkPad Pen Pro, active pen for multi-touch display

Storage

SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high

Optical

None

Ethernet

Gigabit Ethernet via optional Ethernet (RJ-45) adapter
(by native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro))

WLAN

11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 Card

Bluetooth™

Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)*

Wireless WAN, Sierra Wireless EM7455,
Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card

SIM card

Micro-SIM card slot

Dimensions

WxDxH: 13.30" x 9.30" x 0.78"; 338.0mm x 236.3mm x 19.9mm

Weight

From 3.96 lb (1.80kg)

Case color

Black

Case materal

Carbon-Fiber Hybrid

Smart card reader

None

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Three USB 3.0 (one Always On), Mini DisplayPort, HDMI, Onelink+ connector, combo audio / microphone jack

Adapter *(optional)*

HDMI-VGA: Lenovo HDMI to VGA Monitor Cable
mDP-VGA: Lenovo Mini DisplayPort to VGA Monitor Cable
RJ45: ThinkPad OneLink+ to RJ45 adapter
VGA/RJ45: ThinkPad OneLink+ to VGA/RJ45 adapter

Camera

HD720p resolution, fixed focus

Audio support

HD Audio, Conexant® CX11852 codec, Dolby® DAX2 / stereo speakers, 1.5W x 2 / dual array microphone, combo audio / microphone jack

Keyboard

6-row, spill-resistant, multimedia Fn keys, LED backlit

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

vPro *(optional)*

Intel vPro Technology

Fingerprint reader

Swipe fingerprint reader under C cover

NFC

None

Battery type

Li-Polymer 3-cell (53Wh)

Battery life

Up to 8.0 hr

AC adapter

65W AC adapter

Light sensor

Ambient Light Sensor

G-sensor

3D accelerometer

Compass

3D compass

Gyroscope

3D gyrometer

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64

- Lenovo Solution Center
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Some: Windows 10 Pro 64
Some: Windows 10 Home 64

- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo Companion
- Lenovo Settings
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

For ISV certifications, please visit www.lenovo.com/support/ISV

Limited warranty

One of the following, configurable by model:

- 1-year depot repair service
- 3-year/1-yr battery depot repair service

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Case Material	Storage	Optical	WLAN + Bluetooth	WWAN	SIM Card	Monitor Cable	Adapter	Color	Camera	Keyboard	Pen	Finger-print Reader	NFC	TPM	Battery	Power Adapter	Operating System	Warranty	Global	Ann Date (m/y)
20GQ000BUS	US	i7-6500U	No	M500M 2GB	8GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	65W	Win10 Pro 64	1-year, Depot	No	02/16
20GQ000CUS	US	i7-6600U	vPro	M500M 2GB	8GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	256GB SSD Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	65W	Win10 Pro 64	1-year, Depot	No	02/16
20GQ000EUS	US	i7-6600U	vPro	M500M 2GB	16GBx1	14" WQHD (2560x1440) IPS Glossy	10-point Multi-touch	Carbon	512GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	65W	Win10 Pro 64	1-year, Depot	No	02/16

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ThinkPad X1 Yoga Platform Specifications

Processor 6th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	vPro
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	LPDDR3-1866	Intel HD Graphics 520	No
i5-6300U			2.4 GHz	3.0 GHz	3MB			vPro
i7-6500U			2.5 GHz	3.1 GHz	4MB			No
i7-6600U			2.6 GHz	3.4 GHz	4MB			vPro

Graphics Intel HD Graphics 520 in processor only,
supports external digital monitor via HDMI or Mini DisplayPort;
supports dual independent displays;
Max resolution: 3840x2160 (Mini DisplayPort)@60Hz; 4096x2160 (HDMI)@24Hz

Chipset Intel SoC (System on Chip) platform

Memory 16GB max / 1866MHz LPDDR3 / soldered to systemboard

Display
Some: 14.0" (355mm) WQHD (2560x1440), glare, OLED, 300 nits, 16:9 aspect ratio, 2000000:1 contrast ratio
Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 270 nits, 16:9 aspect ratio, 700:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 270 nits, 16:9 aspect ratio, 700:1 contrast ratio

Multi-touch Capacitive touch panel, supports 10-finger gesture

Hinge Yoga hinge, 360 degree

Convert-mode Laptop, tent, stand, and tablet

Pen *(optional)* ThinkPad Pen Pro, active pen for multi-touch display

Storage
Some: M.2 SSD / SATA 6.0Gb/s
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s

Optical None

Ethernet Gigabit Ethernet via optional Ethernet (RJ-45) adapter (by native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro))

WLAN *One of the following, configurable by model (WiGig is mutually exclusive with WWAN):*
- 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 Card
- WiGig™+11AC+BT, Intel Tri-Band Wireless-AC 18260, 2x2 WLAN, WiGig, M.2 Card

Bluetooth™ Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)* *One of the following, configurable by model (mutually exclusive with WiGig):*
- Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card
- Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)

SIM card Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card

Dimensions *WxDxH:* 13.11" x 9.02" x 0.66"; 333.0mm x 229.0mm x 16.8mm)

Weight From 3.00 lb (1.36kg)

Case color Black

Case materal Carbon-Fiber Hybrid

Smart card reader None

Media reader Micro SD, supports UHS-II SD card

Ports Three USB 3.0 (one Always On), Mini DisplayPort, HDMI, Onelink+ connector, combo audio / microphone jack

WiGig dock *Optional:* WiGig dock, mutually exclusive with WWAN

Adapter *(optional)* *HDMI-VGA:* Lenovo HDMI to VGA Monitor Cable
mDP-VGA: Lenovo Mini DisplayPort to VGA Monitor Cable
RJ45: ThinkPad OneLink+ to RJ45 adapter
VGA/RJ45: ThinkPad OneLink+ to VGA/RJ45 adapter

Camera HD720p resolution, fixed focus

Audio support HD Audio, Conexant® CX11852 codec, Dolby® DAX2 / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack

Keyboard 6-row, spill-resistant, multimedia Fn keys, LED backlit

UltraNav™ TrackPoint® pointing device and buttonless glass surface touchpad, multi-touch

Security Power-on password, hard disk password, supervisor password, security keyhole

Security chip Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

vPro *(optional)* Intel vPro Technology

Fingerprint reader Touch style fingerprint reader on the keyboard bezel

NFC None

Battery type Li-Polymer 4-cell (52Wh) or 4-cell (56Wh, OLED models only)

Battery life Up to 11.0 hr

AC adapter 45W or 65W AC adapter

Light sensor Ambient Light Sensor

G-sensor 3D accelerometer and 3D magnetometer

Compass 3D compass

Gyroscope 3D gyrometer

Preload
Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Some: Windows 10 Pro 64
Some: Windows 10 Home 64
- Lenovo Solution Center
- Lenovo WRITEit
- Lenovo Companion
- Lenovo Settings
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Limited warranty *One of the following, configurable by model:*
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test MIL-STD-810G military certification

Environment EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Dock	Adapter	Camera	Keyboard	Pen	Finger-print Reader	NFC	Battery	Power Adapter	Operating System	Warranty	Global	Ann Date (m/y)
20FQ000RUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	1-year, Depot	No	02/17
20FQ000SUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	1-year, Depot	No	01/16
20FQ000YUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	NFC	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ0010US	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	NFC	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ001VUS	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	01/16
20FQ001WUS	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	01/16
20FQ002YUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	01/16
20FQ0030US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	512GB SSD M.2 PCIe NVMe	None	Intel 18260 ac, 2x2 + BT4.1	None	None	WiGig Dock	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	03/16
20FQ0031US	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	512GB SSD M.2 PCIe NVMe	None	Intel 18260 ac, 2x2 + BT4.1	None	None	WiGig Dock	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	03/16
20FQ0032US	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	01/16
20FQ0033US	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	01/16
20FQ0034US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	WiGig Dock	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	03/16
20FQ0035US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	512GB SSD M.2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	WiGig Dock	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	03/16
20FQ0036US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	01/16
20FQ0037US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	01/16
20FQ0038US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	01/16
20FQ0039US	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	01/16
20FQ003HUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	240GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ003JUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ003KUS	US	i5-6300U	vPro	Intel HD 520	4GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Dock	Adapter	Camera	Keyboard	Pen	Finger-print Reader	NFC	Battery	Power Adapter	Operating System	Warranty	Global	Ann Date (m/y)
20FQ003LUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	512GB SSD M.2 PCIe NVMe	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ003MUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	512GB SSD M.2 PCIe NVMe	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ003NUS	US	i5-6200U	No	Intel HD 520	4GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ003PUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	180GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ003QUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ003RUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	128GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ003SUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ003TUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ003UUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ003VUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ003WUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	192GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	02/16
20FQ0054US	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	Verizon	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	05/16
20FQ0055US	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	05/16
20FQ0056US	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	512GB SSD M.2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	WiGig Dock	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	05/16
20FQ0057US	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	05/16
20FQ0058US	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	256GB SSD M.2 PCIe NVMe Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	05/16
20FQ0059US	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	05/16
20FQ005AUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	05/16
20FQ005BUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	05/16
20FQ005CUS	US	i7-6500U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	05/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Dock	Adapter	Camera	Keyboard	Pen	Finger-print Reader	NFC	Battery	Power Adapter	Operating System	Warranty	Global	Ann Date (m/y)
20FQ005DUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	05/16
20FQ005EUS	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	512GB SSD M.2 PCIe NVMe	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	05/16
20FQ005XUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) OLED Gloss	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (56Wh)	65W	Win10 Pro 64	3-year, Depot	No	06/16
20FQ005YUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) OLED Gloss	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (56Wh)	65W	Win10 Pro 64	3-year, Depot	No	06/16
20FQ0060US	US	i7-6600U	vPro	Intel HD 520	16GB Soldered	14" WQHD (2560x1440) OLED Gloss	10-point Multi-touch	512GB SSD M.2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (56Wh)	65W	Win10 Pro 64	3-year, Depot	No	06/16
20FQ0066US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	WiGig Dock	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	07/16
20FQ0067US	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	14" WQHD (2560x1440) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 18260 ac, 2x2 + BT4.1	None	None	WiGig Dock	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	3-year, Depot	No	07/16
20FQ006CUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	180GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	1-year, Depot	No	08/16
20FQ006DUS	US	i5-6200U	No	Intel HD 520	8GB Soldered	14" FHD (1920x1080) IPS AG	10-point Multi-touch	256GB SSD M.2 SATA3 Opal2	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	720p	Backlit	Pen Pro	Finger-print Reader	None	4-cell (52Wh)	65W	Win10 Pro 64	1-year, Depot	No	08/16

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ThinkPad Yoga 11e (3rd Gen) Platform Specifications

Processor

Intel® Celeron® processor, Intel Pentium® Processor, or 6th Generation Intel Core™ i3 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics
Cel N3150	4	4	1.6 GHz	2.08 GHz	2MB	DDR3L-1600	Intel HD graphics
Cel N3160	4	4	1.6 GHz	2.24 GHz	2MB		Intel HD graphics
Pen 4405U	2	4	2.1 GHz	-	2MB		Intel HD graphics 510
i3-6100U			2.3 GHz	-	3MB		Intel HD graphics 520

Graphics

Intel HD Graphics, Intel HD Graphics 510, or Intel HD Graphics 520 in processor, supports external digital monitor via HDMI™; supports dual independent display; Max resolution: 1920X1080 (HDMI)@30Hz

Chipset

Intel SoC (System on Chip) platform

Memory

2GB, 4GB, or 8GB / PC3-12800 1600MHz DDR3L, one DDR3L SO-DIMM socket

Display

11.6" (295mm) HD (1366x768), glare, LED backlight, IPS 250 nits, 16:9 aspect ratio, 800:1 contrast ratio

MultiTouch

Yes, support 10 fingers

Hinge

Yoga hinge, 360 degree

Convertible mode

Laptop, tent, stand and tablet

Pen

Some: Active pen, batteries required

Storage

M.2 Solid State Drive (SSD), SATA 6.0Gb/s

Optical

None

Ethernet

Realtek RTL8111GUS-CG Gigabit Network Connection

WLAN[4]

One of the following, configurable by model:

- 11ac+BT, Intel Dual Band Wireless-AC 3165, 1x1, M.2 card
- 11ac+BT, Intel Dual Band Wireless-AC 7265, 2x2, M.2 card

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN

None

Dimensions[3]

WxDxH: 11.81" x 8.27" x 0.90"; 300mm x 210mm x 22.9mm

Weight[2]

from 3.5 lb (1.59kg)

Case color

Display cover: Graphite Black or Silver; *Bottom:* Graphite Black

Case material

Display cover: PC+40%GF+TPU; *Bottom:* PCC

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.0, HDMI, Ethernet (RJ-45)

Control buttons

Power button, volume control button

Camera

HD720p resolution, low light sensitive, fixed focus

Audio support

HD Audio, Realtek® ALC3245 codec / stereo speakers, 2W x 2 / monaural digital microphone, combo audio/microphone jack

Keyboard

ThinkPad Windows keyboard, 6-row, multimedia Fn keys

UltraNav™

Buttonless touchpad below keyboard, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

Trusted Platform Module, TCG 1.2-compliant

vPro

None

Fingerprint reader

None

Battery

Integrated Lithium Polymer 3-cell *(42Wh)*

Max battery life[10]

MobileMark® 2014: 11.53 hr

AC adapter

45-watt AC adapter

Preload

Some: Windows 10 Home 64
Some: Windows 10 Pro 64

- Lenovo Solution Center
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Limited warranty[12]

One of the following, configurable by model:

- 1-year depot repair service
- 3-year/1-yr battery depot repair service (US only)

Mil-Spec test

MIL-STD-810G military certification

Environment

EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	Color	Camera	Pen	Finger-print Reader	Battery	Power Adapter	Operating System	Warranty	Global	Ann Date (m/y)
20GA000KUS	US	Celeron N3150	Intel HD	4GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20GA000LUS	US	Celeron N3150	Intel HD	8GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20GA000MUS	US	i3-6100U	Intel HD 520	8GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20GA000NUS	US	i3-6100U	Intel HD 520	8GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	256GB SSD Opal2	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20GA000QUS	US	i3-6100U	Intel HD 520	8GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	192GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20GA000YUS	US	i3-6100U	Intel HD 520	4GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	192GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20GA001EUS	US	Celeron N3160	Intel HD	8GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	09/16
20GA001FUS	US	Celeron N3160	Intel HD	4GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	128GB SSD	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	09/16

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ThinkPad Yoga 11e (3rd Gen) Chromebook Platform Specifications

Product Specifications Reference (PSREF)

Processor — Intel® Celeron® processor

Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics
Cel N3150	4	4	1.6 GHz	2.08 GHz	2MB	LPDDR3-1600	Intel HD graphics

Graphics — Intel HD Graphics in processor,
supports external digital monitor via HDMI™;
supports dual independent display;
Max resolution: 1920X1080 (HDMI)@30Hz

Chipset — Intel SoC (System on Chip) platform
Memory — 2GB or 4GB / 1600MHz LPDDR3 / soldered to systemboard, no sockets

Display — 11.6" (295mm) HD (1366x768), glare, LED backlight, IPS
200 nits, 16:9 aspect ratio, 800:1 contrast ratio
MultiTouch — Yes, support 10 fingers
Hinge — Yoga hinge, 360 degree
Convertible mode — Laptop, tent, stand and tablet
Pen — None

Storage — 16GB eMMC (embedded Multi Media Card) flash memory on board
Optical — None

Ethernet — None

WLAN[4] — 11ac+BT, Intel Dual Band Wireless-AC 7265, 2x2, M.2 card
Bluetooth™ — Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN — None

Dimensions[3] — *WxDxH:* 11.81" x 8.27" x 0.88"; 300mm x 210mm x 22.3mm
Weight[2] — from 3.3 lb (1.50kg)
Case color — *Display cover:* Graphite Black or Silver; *Bottom:* Graphite Black
Case material — *Display cover:* PC+40%GF+TPU; *Bottom:* PCC

Media reader — 4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports — Two USB 3.0 (one Always On), HDMI
Control buttons — Power button, volume control button

Camera — HD720p resolution, low light sensitive, fixed focus
Audio support — Realtek® ALC5650 codec / stereo speakers, 2W x 2 /
monaural digital microphone, combo audio/microphone jack

Keyboard — ThinkPad Chrome keyboard, 6-row, multimedia Fn keys
UltraNav™ — Buttonless touchpad below keyboard, multi-touch

Security — Security keyhole
Security chip — Trusted Platform Module, TCG 1.2-compliant
vPro — None
Fingerprint reader — None

Battery — Integrated Lithium Polymer 3-cell *(42Wh)*
Max battery life[10] — Up to 12 hr
AC adapter — 45-watt AC adapter

Preload — Google Chrome OS

Limited warranty[12] — 1-year depot repair service

Mil-Spec test — MIL-STD-810G military certification

Environment — EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

ThinkPad Yoga 11e (3rd Gen) Chromebook - TopSeller - 20GE

Product Specifications Reference (PSREF)

Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage	Optical	WLAN + Bluetooth	Color	Camera	Pen	Finger-print Reader	Battery	Power Adapter	Operating System	Warranty	Global	Ann Date (m/y)
20GE0002US	US	Celeron N3150	Intel HD	4GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	16GB eMMC	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Chrome OS	1-year, Depot	No	03/16
20GE0003US	US	Celeron N3160	Intel HD	4GBx1	11.6" HD (1366x768) IPS	10-point Multi-touch	16GB eMMC	None	Intel 7265 ac, 2x2 + BT4.0	Black	720p	None	None	3-cell (42Wh)	45W	Chrome OS	1-year, Depot	No	10/16

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ThinkPad Yoga 260 Platform Specifications

Processor — 6th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-6100U	2	4	2.3 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520
i5-6200U			2.3 GHz	2.8 GHz	3MB		
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

Graphics — Intel HD Graphics 520 in processor only,
supports external digital monitor via HDMI, Mini DisplayPort;
supports dual independent display
Max resolution: 3840x2160 (Mini DisplayPort)@60Hz
4096x2160 (HDMI)@24Hz

Chipset — Intel SoC (System on Chip) platform

Memory — 16GB max / 2133MHz DDR4, one DDR4 SO-DIMM socket (None WWAN models), or 8GB 2133MHz DDR4 soldered to systemboard for WWAN models

Display — *Some:* 12.5" (317.5mm) HD (1366x768) color, anti-glare, LED backlight, IPS 300 nits, 16:9 aspect ratio, IPS
Some: 12.5" (317.5mm) FHD (1920x1080) color, anti-glare, LED backlight, IPS 300 nits, 16:9 aspect ratio, IPS

Multi-touch — Supports 10-finger gesture

Hinge — Yoga hinge, 360 degree

Convert-mode — Laptop, tent, stand and tablet

Pen — *Some:* ThinkPad Pen Pro, active pen for multi-touch display

Storage — *Some:* M.2 SSD / SATA 6.0Gb/s
Some: M.2 SSD / PCIe NVMe 32Gb/s

Optical — None

Ethernet — Gigabit Ethernet via optional Ethernet (RJ-45) adapter
(by native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro))

WLAN — *One of the following, configurable by model (WiGig is mutually exclusive with WWAN):*
- *BCM*: Broadcom Wireless-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card
- *no vPro:* Intel Dual Band Wireless-AC 8260, 2x2, Wi-Fi + BT, M.2 Card
- *vPro:* Intel Dual Band Wireless-AC 8260 with vPro, 2x2, Wi-Fi + BT, M.2 Card
- *WiGig:* WiGig™ +11AC+BT, Intel Tri-Band Wireless-AC 18260, 2x2 WLAN, 1x1 WiGig, M.2 Card

WiGig adapter is only available in selected countries

Bluetooth™ — Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)* — Wireless WAN, Sierra Wireless EM7455,
Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card
WWAN models are only available with i5, i7 processores, 8GB soldered to systemboard memory and FHD display

SIM card — Micro-SIM card slot, optional Lenovo Connect (WE) SIM card

Dimensions — *12.5" (WxDxH):* 12.20" x 8.66" x 0.70" (309.9mm x 220mm x 17.8mm)

Weight — From 2.90 lb (1.32kg)

Case color — Midnight black or silver

Case Materal — Carbon-Fiber Hybrid

Smart Card Reader — *Some:* Smart Card Reader

ExpressCard — None

Media reader — Micro SD, supports UHS-I SD card

Ports — Two USB 3.0 (one Always On), Mini DisplayPort, HDMI, Onelink+ connector, combo audio / microphone jack

WiGig dock — *Optional:* WiGig dock, mutually exclusive with WWAN

Camera — HD720p resolution, fixed focus

Audio support — HD Audio, Conexant® CX11852 codec, Dolby® Home Theater® v4 / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack

Keyboard — 6-row, LED backlit, spill-resistant, multimedia Fn keys

UltraNav™ — TrackPoint® pointing device and multi-touch with 3+2 buttons click pad

ThinkLight™ — None

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip — Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

vPro — *Some:* Intel vPro Technology

Fingerprint reader — *Some:* Touch style fingerprint reader on the keyboard bezel

NFC — *Some:* Near Field Communication

Battery type — Li-Polymer 4-cell (44Wh)

Battery life — Up to 10.0 hr

AC adapter — *Some:* 45-watt AC adapter
Some: 65-watt AC adapter

Light sensor — Ambient Light Sensor

G-sensor/ eCompass — 3D accelerometer and 3D magnetometer
3D compass

Gyroscope — 3D gyrometer

Preload

Some: Windows® 7 Professional 64
Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo SHAREit
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- PC Device Stage
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Some: Windows 10 Pro 64
Some: Windows 10 Home 64
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Companion
- Lenovo Settings
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty — 1-year - depot repair service / service upgrades available
3-year - depot repair service / service upgrades available
3-year - onsite repair service / service upgrades available

Mil-Spec test — MIL-STD-810G military certification

Environment — EPEAT™ Gold; ENERGY STAR®; RoHS-compliant

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Adapter	Color	Case Material	Camera	Keyboard	Pen	Fingerprint Reader	NFC	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FD0000US	US	i5-6200U	No	Intel HD 520	4GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	192GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20FD0001US	US	i3-6100U	No	Intel HD 520	4GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	128GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20FD0002US	US	i5-6200U	No	Intel HD 520	4GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	192GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20FD0003US	US	i3-6100U	No	Intel HD 520	4GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	128GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20FD0004US	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	11/15
20FD0029US	US	i7-6500U	No	Intel HD 520	16GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FD002AUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	192GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FD002BUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	180GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FD002DUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	192GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FD002EUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	192GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FD002FUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FD002GUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	180GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FD002HUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FD002JUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	192GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FD002KUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20FD002LUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	04/16
20FD002MUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	04/16
20FD002NUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	04/16
20FD002PUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	192GB SSD	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	04/16
20FD002QUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD	Intel 18260 ac, 2x2 + BT4.1	None	None	None	WiGig Dock	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	04/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Adapter	Color	Case Material	Camera	Keyboard	Pen	Fingerprint Reader	NFC	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FD003HUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	NFC	4-cell (44Wh)	45W	Win10 Pro 64	3-year, Depot	05/16
20FD003JUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	NFC	4-cell (44Wh)	45W	Win10 Pro 64	3-year, Depot	05/16
20FD003KUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	NFC	4-cell (44Wh)	45W	Win10 Pro 64	3-year, Depot	05/16
20FD003RUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	180GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	08/16
20FD003SUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	3-year, Depot	11/16
20FD003TUS	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	3-year, Depot	11/16
20FD003UUS	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	3-year, Depot	11/16
20FDA01WUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	08/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Adapter	Color	Case Material	Camera	Keyboard	Pen	Fingerprint Reader	NFC	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20FE0057US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	NFC	4-cell (44Wh)	45W	Win10 Pro 64	3-year, Depot	04/16
20FE0058US	US	i7-6600U	vPro	Intel HD 520	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	NFC	4-cell (44Wh)	45W	Win10 Pro 64	3-year, Depot	04/16
20FE0059US	US	i5-6300U	vPro	Intel HD 520	8GB Soldered	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	None	Black	Carbon	720p	Backlit	Pen Pro	Fingerprint Reader	NFC	4-cell (44Wh)	45W	Win10 Pro 64	3-year, Depot	04/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Dock	Adapter	Color	Case Material	Camera	Keyboard	Pen	Fingerprint Reader	NFC	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20GS0000US	US	i5-6200U	No	Intel HD 520	4GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	192GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20GS0001US	US	i3-6100U	No	Intel HD 520	4GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	128GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20GS0002US	US	i7-6500U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20GS0003US	US	i7-6500U	No	Intel HD 520	16GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20GS0004US	US	i5-6200U	No	Intel HD 520	4GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	192GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20GS0005US	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20GS0006US	US	i3-6100U	No	Intel HD 520	4GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	192GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20GS0007US	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	192GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20GS0008US	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	192GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20GS0009US	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	180GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20GS000AUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20GS000BUS	US	i7-6600U	vPro	Intel HD 520	16GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	512GB SSD	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20GS000CUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	12.5" FHD (1920x1080) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	01/16
20GS000FUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	180GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	08/16
20GS000GUS	US	i5-6200U	No	Intel HD 520	8GBx1	12.5" HD (1366x768) IPS	10-point Multi-touch	256GB SSD Opal2	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	Silver	Carbon	720p	Backlit	Pen Pro	None	None	4-cell (44Wh)	45W	Win10 Pro 64	1-year, Depot	08/16

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ThinkPad Yoga 460 Platform Specifications

Processor 6th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	vPro
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	DDR3L-1600	Intel HD Graphics 520	No
i5-6300U			2.4 GHz	3.0 GHz	3MB			vPro
i7-6500U			2.5 GHz	3.1 GHz	4MB			No
i7-6600U			2.6 GHz	3.4 GHz	4MB			vPro

Graphics Intel HD Graphics 520 in processor,
supports external digital monitor via HDMI or Mini DisplayPort;
supports dual independent displays;
Max resolution: 3840x2160 (Mini DisplayPort)@60Hz; 1920x1080 (HDMI)@60Hz

Chipset Intel SoC (System on Chip) platform

Memory 16GB max / 1600MHz DDR3L / one 204-pin SO-DIMM sockets

Display
Some: 14.0" (355mm) WQHD (2560x1440), glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio (only available in US)
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio

Multi-touch Capacitive touch panel, supports 10-finger gesture

Hinge Yoga hinge, 360 degree

Convert-mode Laptop, tent, stand, and tablet

Pen *(optional)* ThinkPad Pen Pro, active pen for multi-touch display

Storage
Some: SSD / SATA 6.0Gb/s
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™
Some: SSHD with 8GB NAND flash memory

Optical None

M.2 SSD*(opt)* 16GB

Ethernet Gigabit Ethernet via optional Ethernet (RJ-45) adapter
(by native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro))

WLAN 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 Card

Bluetooth™ Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN *(optional)* *One of the following, configurable by model:*
- Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card
- Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card

SIM card Micro-SIM card slot

Dimensions *WxDxH:* 13.30" x 9.29" x 0.74"; 338.0mm x 236.0mm x 19.0mm

Weight From 3.90 lb (1.80kg)

Case color Black or Silver

Case materal *Carbon:* Carbon-Fiber Hybrid display cover
Aluminum: Aluminum display cover

Smart card reader None

Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports Three USB 3.0 (one Always On), Mini DisplayPort, HDMI, Onelink+ connector, combo audio / microphone jack

Adapter *(optional)* *HDMI-VGA:* Lenovo HDMI to VGA Monitor Cable
mDP-VGA: Lenovo Mini DisplayPort to VGA Monitor Cable
RJ45: ThinkPad OneLink+ to RJ45 adapter
VGA/RJ45: ThinkPad OneLink+ to VGA/RJ45 adapter

Camera HD720p resolution, fixed focus

Audio support HD Audio, Conexant® CX11852 codec, Dolby® DAX2 / stereo speakers, 1.5W x 2 / dual array microphone, combo audio / microphone jack

Keyboard 6-row, spill-resistant, multimedia Fn keys, LED backlit

UltraNav™ TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security Power-on password, hard disk password, supervisor password, security keyhole

Security chip
Some: Firmware TPM 2.0, integrated in chipset
Some: Discrete TPM 1.2, TCG Certified
Some: Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset

vPro *(optional)* Intel vPro Technology

Fingerprint reader Swipe fingerprint reader under C cover

NFC None

Battery type Li-Polymer 3-cell (53Wh)

Battery life Up to 8.0 hr

AC adapter 45W or 65W AC adapter

Light sensor Ambient Light Sensor

G-sensor 3D accelerometer and 3D magnetometer

Compass 3D compass

Gyroscope 3D gyrometer

Preload
Some: Windows 10 Pro 64
Some: Windows 10 Home 64
- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo Companion
- Lenovo Settings
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® Live Safe (30-day trial)

Limited warranty *One of the following, configurable by model:*
- 1-year depot repair service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test MIL-STD-810G military certification

Environment EPEAT™ Silver; ENERGY STAR®; RoHS-compliant

Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Case Material	Storage	M.2 SSD	Optical	WLAN + Bluetooth	WWAN	SIM Card	Monitor Cable	Adapter	Color	Camera	Keyboard	Pen	Finger-print Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Global	Ann Date (m/y)
20EM001JUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	14" WQHD (2560x1440) IPS Glossy	10-point Multi-touch	Carbon	256GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	02/16
20EM001LUS	US	i5-6200U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	180GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM001MUS	US	i7-6500U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	256GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	02/16
20EM001NUS	US	i5-6200U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	192GB SSD	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM001PUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	192GB SSD	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	02/16
20EM001QUS	US	i5-6200U	No	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	128GB SSD	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM001RUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	256GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM001SUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	192GB SSD	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	02/16
20EM001TUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	180GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM001UUS	US	i5-6200U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	256GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM001XUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS Glossy	10-point Multi-touch	Aluminum	192GB SSD	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM0023US	US	i7-6600U	vPro	Intel HD 520	8GBx1	14" WQHD (2560x1440) IPS Glossy	10-point Multi-touch	Aluminum	256GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM0024US	US	i7-6600U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS Glossy	10-point Multi-touch	Aluminum	256GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM0025US	US	i5-6200U	No	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS Glossy	10-point Multi-touch	Aluminum	192GB SSD	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM0026US	US	i5-6200U	No	Intel HD 520	4GBx1	14" FHD (1920x1080) IPS Glossy	10-point Multi-touch	Aluminum	128GB SSD	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM0027US	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS Glossy	10-point Multi-touch	Aluminum	256GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM0028US	US	i7-6500U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS Glossy	10-point Multi-touch	Aluminum	256GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM0029US	US	i5-6200U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS Glossy	10-point Multi-touch	Aluminum	192GB SSD	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM002AUS	US	i5-6200U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS Glossy	10-point Multi-touch	Aluminum	180GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM002BUS	US	i5-6200U	No	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS Glossy	10-point Multi-touch	Aluminum	256GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16

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Model	Region	Processor	vPro	Graphics	Memory	Display	Multi-touch	Case Material	Storage	M.2 SSD	Optical	WLAN + Bluetooth	WWAN	SIM Card	Monitor Cable	Adapter	Color	Camera	Keyboard	Pen	Finger-print Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Global	Ann Date (m/y)
20EM002CUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS Glossy	10-point Multi-touch	Aluminum	180GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	Silver	720p	Backlit	Pen Pro	None	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	03/16
20EM002FUS	US	i7-6600U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	256GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	04/16
20EM002GUS	US	i5-6300U	vPro	Intel HD 520	8GBx1	14" FHD (1920x1080) IPS AG	10-point Multi-touch	Carbon	256GB SSD Opal2	None	None	Intel 8260 ac, 2x2 + BT4.1	Sierra EM7455	None	None	None	Black	720p	Backlit	Pen Pro	Finger-print Reader	dTPM1.2 + FW TPM2.0	3-cell (53Wh)	45W	Windows 10 Pro 64	1-year, Depot	No	04/16

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Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty: For a copy of applicable product warranties, go to http://support.lenovo.com/en_US/product-service/warranty-status/WarrantyPolicies.page. Lenovo makes no representation or warranty regarding third party products or services.

Footnotes:

[1] Power management, including Intel® SpeedStep® Technology, reduces processor speed when in battery mode.

[2] **Weight** includes battery and standard optical drive; weight may vary due to vendor components, manufacturing process and options.

[3] **Thinness** may vary at certain points on the system.

[4] **Wireless capability:** Requires compatible wireless-enabled options sold separately.

[5] **TAA:** ThinkPad notebook is compliant with the U.S. Federal Government's country-of-origin requirements prescribed in 48 C.F.R. Subpart 25.4; Trade Act Agreement (TAA) model.

[6] **Public network download modem speeds** are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.

[7] **Maximum memory capacity** may require the replacement of standard component with largest supported component available. On ThinkPad systems, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems.

[8] **Hard drive:** GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.

[9] **CD/DVD drive speeds** list maximum rates; rates are variable and are often less than the maximum.

[10] **Battery:** These model numbers achieved the battery life based on MobileMark® 2012 during testing. Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.

[11] **External monitor:** This system supports a maximum of two external monitors. The integrated display(s) must be disabled to support two external monitors.

[12] **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.

[13] **Internet access not included.**

[14] **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

[16] **Activating Verizon Wireless Service:** Lenovo customers will be contacted after purchase to activate service; requires separate agreement with Verizon Wireless and is subject to the Customer Agreement, Calling Plan, and credit approval. Service, airtime, and early termination charges may apply. Verizon Wireless, not Lenovo, is solely responsible for service. Service not available in all areas; purchaser is responsible for verifying that service is available for the intended location before purchasing a computer equipped with WAN card. Network details, coverage limitations, and maps at www.verizonwireless.com.

[17] **International Warranty Service** is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.

[18] **Telephone support** may be subject to additional charges, even during the limited warranty period. Response times may vary. May exclude some holidays. If a machine is listed as having "On-site service for select repairs", this means that onsite service is available only for the replacement of select parts. For all other warranty repairs, Lenovo will provide the customer a replacement part for customer installation. The parts for which onsite service is available varies by machine, but may include the processor, power supply, heat sink, system board, or base cover. For ThinkPad notebooks with Depot or Courier service, Lenovo will attempt to diagnose and resolve the problem remotely before sending a courier.

[19] **Depot repair service:** The customer may be asked certain diagnostic questions before a courier is sent. Your ThinkPad purchase includes this depot repair service, available in the U.S. during the limited warranty period.

[20] **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to lenovo.com/pc/support and enter your machine type and model number for more information.

[21] **For combination drives**, maximum possible speeds only are given in the following order: CD write, CD rewrite, CD read, DVD read.

[22] **Lenovo Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part will be express shipped to you for quick replacement. Onsite 24x7x2-hour service is not available in all locations. For ThinkPad notebooks requiring LCD or other component replacement, Lenovo may choose to perform service at the depot repair center. Calls must be received by 5 pm local time in order to qualify for Next Business Day service. P&L means parts and labor. P/U means pick-up. See Lenovo Warranty Services terms and conditions for complete details and restrictions.

[23] **Activating AT&T Wireless Service:** Requires separate agreement with AT&T, subject to service agreement, rate plan and coverage maps. AT&T, not Lenovo, is solely responsible for service. Coverage not available in all areas; AT&T BroadbandConnect available in select metropolitan markets. Special credit and tenure restrictions and additional charges may apply to international roaming. A network connection, third-party software, additional hardware, and/or subscription to a third-party service may be required for certain solutions/applications. Additional restrictions apply, including early termination fee; see www.wireless.att.com for details. To activate call Lenovo Wireless Activation Hot Line at 1-877-299-4710.

[24] **Limited onsite service systems** are designed to be repaired during the applicable warranty period primarily with customer-replaceable parts provided by Lenovo. Lenovo will only send a technician onsite to perform a repair if (a) remote telephone diagnosis and/or customer part replacement are unable to resolve the problem, or (b) the part is one of the few designated by Lenovo for onsite replacement. For a list of onsite replaceable parts, contact Lenovo. Support unrelated to a warranty issue may be subject to additional charges. Lenovo onsite repair (LOR), 8 am to 5 pm, Monday through Friday coverage excluding holidays, next business day (NBD) response time.

[26] **Full-size keyboard:** As defined by ISO/IEC 15412.

[27] **Based on IEEE 802.11a and 802.11b.** A customer can not upgrade to a different wireless Mini PCI adapter due to FCC regulations. Security screws prevent removal of this adapter. This wireless LAN product has been designed to permit legal operation world-wide in regions which it is approved. This product has been tested and certified to be interoperable by the Wireless Ethernet Compatibility Alliance and is authorized to carry the Wi-Fi logo.

[28] **The IEEE 802.11n specification (MIMO)** has been finalized and is currently in IEEE 802.11n-2009 release. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, 11b/g/n, or 11a/b/g/n can communicate on any of its supported formats.

[30] **Measures only maximum** data transfer rate, not application performance. Many factors affect application performance.

[32] **Wireless:** Based on IEEE 802.11a, 802.11b, and 802.11g respectively. An adapter with 11a/b, 11b/g, or 11a/b/g can communicate on either/any of these listed formats respectively, the actual connection will be based on the access point to which it connects.

[36] **Wireless upgradable** allows the system to be wireless-enabled with an optional wireless Mini PCI or Mini PCI Express card. Designed to operate only with Lenovo options.

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Summary of Changes

This section describes the technical changes made in this edition.
This edition might also include minor corrections and editorial changes which are not identified.

January, 2017 - Version 501

Additions in this update

►**New product(s)**
None

►**New model(s)**
ThinkCentre M715 Tiny new models announced January 2017

Withdrawals in this update

►**Withdrawn product(s)**
None

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ThinkCentre Chromebox Platform Specifications

Processor

Intel® Celeron® or 4th Generation Intel Core™ i3 Processor

Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics
Celeron 3205U	2 / 2	1.50 GHz	2MB	DDR3L-1600	Intel HD
Celeron 3215U	2 / 2	1.70 GHz	2MB	DDR3L-1600	Intel HD
Core i3-5005U	2 / 4	2.00 GHz	3MB	DDR3L-1600	Intel HD 5500

* System-on-Chip (SoC) solution, integrates Intel processor core, Graphics, Memory Controller, and I/O interfaces

Memory

Celeron models: 4GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, one 204-pin SO-DIMM socket;
Core i3 models: 8GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, two 204-pin SO-DIMM sockets

Disk
M.2 Solid State Drive (SSD), SATA 6.0Gb/s

Optical
None

Onboard SATA
None

Media reader
None

Graphics
Intel HD Graphics or **Intel HD Graphics 5500,** in processor, uses main memory, DirectX® 11, one DisplayPort™, one HDMI, supports dual independent display;
Max resolution: 1920x1080 (DP)@60Hz; 1920x1080 (HDMI)@60Hz

DP cable
None

Chipset
Intel System-on-Chip (SoC) platform

Front ports
Two USB 3.0 (supports Always On), one headphone / microphone combo jack (stereo, 3.5mm)

Rear ports
Two USB 3.0, ethernet (RJ-45), HDMI, DisplayPort

I/O box
None

Audio support
High Definition (HD) Audio, Realtek ALC233 / no internal speaker

WLAN[13]
11ac/a/b/g/n wireless, M.2 Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo 4.0 adapter, 2x2

Bluetooth™
Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet
One gigabit ethernet port, Realtek RTL8111G, Wake on LAN®

Modem
None

Security chip
Trusted Platform Module, TCG 1.2-compliant

Security features
Security slot (in rear for optional Kensington® MicroSaver® cable)

Keyboard
Some: USB Keyboard (compatible with Chrome OS), Lenovo logo

Mouse
Some: Enhanced Optical USB Mouse, black, Lenovo logo

Mechanical
Tiny (1L), business black color; metal case, compatible with TIO 23

Chromebox only	7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.1 lb (0.95 kg), weight may vary by configuration

VESA mount
None

Floor Stand
Optional system floor stand for vertical orientation

Power supply
65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)

Limited warranty[3]
1-year, **depot service** / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload
Chrome OS

Environment
ENERGY STAR® 6.0; EPEAT™ Gold rating (U.S.); GREENGUARD®; ErP Lot 3; RoHS-compliant

Accessories
For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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ThinkCentre Chromebox - TopSeller - 10H3

Product Specifications Reference (PSREF)

Model	Region	Processor	vPro	Graphics	Memory	Storage	WLAN + Bluetooth	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Global	Ann Date (mm/yy)
10H30000US	US	Core i3-5005U (2C, 2.0GHz, 3MB)	No	Integrated Intel HD Graphics 5500	4GBx1	16GB SSD M.2	Intel 7260 ac, 2x2 + BT4.0	USB / USB	Floor Stand	65W Adapter 88%	Chrome OS	1-year, Depot	No	05/15
10H30002US	US	Core i3-5005U (2C, 2.0GHz, 3MB)	No	Integrated Intel HD Graphics 5500	2GBx1	16GB SSD M.2	Intel 7260 ac, 2x2 + BT4.0	USB / USB	Floor Stand	65W Adapter 88%	Chrome OS	1-year, Depot	No	05/15

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ThinkCentre Chromebox - TopSeller - 10H5

Product Specifications Reference (PSREF)

Model	Region	Processor	vPro	Graphics	Memory	Storage	WLAN + Bluetooth	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Global	Ann Date (mm/yy)
10H50003US	US	Celeron 3205U (2C, 1.5GHz, 2MB)	No	Integrated Intel HD Graphics	4GBx1	16GB SSD M.2	Intel 7260 ac, 2x2 + BT4.0	USB / USB	Floor Stand	65W Adapter 88%	Chrome OS	1-year, Depot	No	05/15
10H50005US	US	Celeron 3205U (2C, 1.5GHz, 2MB)	No	Integrated Intel HD Graphics	2GBx1	16GB SSD M.2	Intel 7260 ac, 2x2 + BT4.0	USB / USB	Floor Stand	65W Adapter 88%	Chrome OS	1-year, Depot	No	05/15
10H5000DUS	US	Celeron 3215U (2C, 1.7GHz, 2MB)	No	Integrated Intel HD Graphics	4GBx1	16GB SSD M.2	Intel 7260 ac, 2x2 + BT4.0	USB / USB	Floor Stand	65W Adapter 88%	Chrome OS	1-year, Depot	No	05/16

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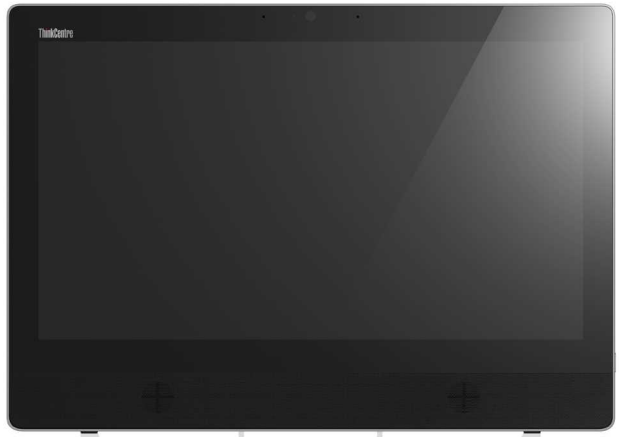

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ThinkCentre E63z Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Pentium® or 4th Generation Intel Core™ i3 Processor

Processor	Cores / Threads	Clock Speed	Max Burst Frequency	Cache	Memory Types	Integrated Graphics
Pentium J2900	4 / 4	2.41 GHz	2.66 GHz	2MB	DDR3L-1333	Intel HD
Core i3-4005U	2 / 4	1.7 Ghz	-	3MB	DDR3L-1600	Intel HD 4400

* System-on-Chip (SoC) solution, integrates Intel processor core, Graphics, Memory Controller, and I/O interfaces

Memory

Pentium models: 8GB max[7] / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket
Core i3 models: 16GB max[7] / DDR3 Low Voltage, DDR3L-1600, non-parity, two 204-pin SO-DIMM sockets
*System automatically clocks down for 1333MHz DDR3 memory controller

Disk

Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm
Some: 500GB (5400 rpm) or 1TB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

None

SATA controller

Pentium models: Serial ATA, SATA 3.0Gb/s support, integrated in processor
Core i3 models: Serial ATA, SATA 6.0Gb/s support, integrated in processor

Media reader

Optional 7-in-1 media card reader (Core i3 models only)

Graphics

Intel HD Graphics or **Intel HD Graphics 4400** in processor, uses main memory, *Maximum resolution:* 1600x900@60Hz (panel); 2560x1600@60Hz (HDMI-out)

Display

19.5" (495.3mm) **HD+ (1600x900) TFT color**, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, wide viewing angle (horizontal: +/- 85°; vertical: +/- 80°), frameless for touch models, anti-glare for non-touch models

Multi-touch

Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch

Camera

Some: 720p camera, 1.0-megapixel, fixed focus, digital microphone, LED indicator

Controls

Power button on right side

Chipset

Intel System-on-Chip (SoC) platform

Rear ports

Pentium models: Two USB 2.0, ethernet (RJ-45), DC-IN
Core i3 models: Two USB 2.0, ethernet (RJ-45), HDMI-out, DC-IN

Side ports

Pentium models: One USB 3.0, one microphone / headphone combo jack (3.5mm)
Core i3 models: One USB 3.0 (charging port), one microphone / headphone combo jack (3.5mm), 7-in-1 card reader

ExpressCard

None

PCIe Mini Card

One PCI Express Mini Card slot (half size, for WLAN)

Audio support

High Definition (HD) Audio, Realtek ALC233 (Pentium models) or Conexant CX20751 (Core i3 models) / internal speakers (3watt x 2)

WLAN[13]

Some: 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi + Bluetooth combo adapter, 1x1
Some: 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8192EE, Wi-Fi + Bluetooth combo adapter, 2x2
Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2
Some: 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, 2x2

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

One gigabit ethernet port, Realtek RTL8111G, Wake on LAN®

vPro & iAMT

None

Security chip

None

Security features

- Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- USB port disablement

Keyboard

Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo Slim USB Keyboard (USB connector), Lenovo logo

Mouse

Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver)
Some: Enhanced Optical USB Mouse, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver)

Mechanical

- Business black or white
- Support VESA mount (100mm)
- Optional frame stand

Dimensions *(WxDxH)*	Weight (Maximum)	Adjustments
E63z non-touch with frame stand		
19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	8.82 lb (4 kg)	Tilt: 10° to 60° back
E63z touch with frame stand		
19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	10.58 lb (4.8 kg)	Tilt: 10° to 60° back

Power supply

65 watts external adapter, autosensing, 88% PSU, 100-240V (50-60Hz)

Limited warranty[3]

Some: **1-year or 3-years**, **limited onsite service** / service upgrades available
Some: **1-year or 3-years**, **Depot or Carry-in** / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit

Ready to install applications (only some listed)

- Rescue and Recovery™
- Password Manager

Preloaded applications (only some listed)

- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Communication Utility
- ThinkVantage Device Experience
- ThinkVantage AutoLock
- Lenovo SHAREit
- BlueTooth Security Lock
- Desktop Power Manager
- View Management Utility
- Lenovo Solution Center
- Lenovo Message Center Plus
- Norton™ Internet Security (30 days of virus definitions)
- Adobe® Reader®
- Skype™
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink Power2Go (DVD±RW)
- Cyberlink PowerProducer (DVD±RW)
- Evernote®
- Nitro Pro

Some: Windows 8.1 64-bit
Some: Windows 8.1 Pro 64-bit
Some: Windows 8.1 with Bing 64-bit

Web install applications (only some listed)

- Password Manager

Preloaded applications (only some listed)

- ThinkVantage System Update
- ThinkVantage AutoLock
- Lenovo SHAREit
- BlueTooth Security Lock
- Desktop Power Manager
- Lenovo Solution Center
- Lenovo Support
- Lenovo Companion
- Norton Internet Security (30 days of virus definitions)
- Skype™
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (DVD±RW, DVD)
- Cyberlink Power2Go (DVD±RW)
- Cyberlink PowerProducer (DVD±RW)
- Evernote®
- Nitro Pro
- AccuWeather
- Norton™ Studio
- Pokki
- Hightail

Environment

EPEAT™ Gold (For Windows models only); ENERGY STAR® 6.0 (For Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3

See footnotes for more detailed information

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Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage	Optical	Media Reader	WLAN + Bluetooth	Camera	Keyboard / Mouse	Stand	Color	Operating System	Warranty	Ann Date (m/y)
10D40004US	US	Pentium J2900	Intel HD	4GBx1	19.5" HD+ (1600x900)	None	500GB 7200rpm 2.5"	None	None	RTL8723BE b/g/n, 1x1 + BT4.0	720p	USB (Slim) / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	08/14
10D40005US	US	Pentium J2900	Intel HD	2GBx1	19.5" HD+ (1600x900)	None	500GB 7200rpm 2.5"	None	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	USB (Slim) / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	08/14

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Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage	Optical	Media Reader	WLAN + Bluetooth	Camera	Keyboard / Mouse	Stand	Color	Operating System	Warranty	Ann Date (m/y)
10D60005US	US	Pentium J2900	Intel HD	4GBx1	19.5" HD+ (1600x900)	10-point Multi-touch	500GB 7200rpm 2.5"	None	None	RTL8723BE b/g/n, 1x1 + BT4.0	720p	USB (Slim) / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	08/14
10D60006US	US	Pentium J2900	Intel HD	4GBx1	19.5" HD+ (1600x900)	10-point Multi-touch	500GB 7200rpm 2.5"	None	None	Intel 7260 b/g/n, 2x2 + BT4.0	720p	USB (Slim) / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	08/14
10D60007US	US	Pentium J2900	Intel HD	2GBx1	19.5" HD+ (1600x900)	10-point Multi-touch	500GB 7200rpm 2.5"	None	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	USB (Slim) / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	08/14

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Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage	Optical	Media Reader	WLAN + Bluetooth	Camera	Keyboard / Mouse	Stand	Color	Operating System	Warranty	Ann Date (m/y)
10E00027US	US	i3-4005U	Intel HD 4400	4GBx1	19.5" HD+ (1600x900)	None	500GB 7200rpm 2.5"	None	7-in-1	Intel 7260 b/g/n, 2x2 + BT4.0	720p	USB / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	11/14
10E00028US	US	i3-4005U	Intel HD 4400	8GBx1	19.5" HD+ (1600x900)	None	500GB 7200rpm 2.5"	None	7-in-1	Intel 7260 b/g/n, 2x2 + BT4.0	720p	USB / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	11/14
10E00029US	US	i3-4005U	Intel HD 4400	2GBx1	19.5" HD+ (1600x900)	None	500GB 7200rpm 2.5"	None	7-in-1	Intel 7260 b/g/n, 2x2 + BT4.0	720p	USB / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	11/14
10E0002AUS	US	i3-4005U	Intel HD 4400	4GBx1	19.5" HD+ (1600x900)	None	64GB SSD	None	7-in-1	Intel 7260 b/g/n, 2x2 + BT4.0	720p	USB / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	11/14
10E0002BUS	US	i3-4005U	Intel HD 4400	4GBx1	19.5" HD+ (1600x900)	None	180GB SSD	None	7-in-1	Intel 7260 b/g/n, 2x2 + BT4.0	720p	USB / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	11/14

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Model	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage	Optical	Media Reader	WLAN + Bluetooth	Camera	Keyboard / Mouse	Stand	Color	Operating System	Warranty	Ann Date (m/y)
10E2001QUS	US	i3-4005U	Intel HD 4400	4GBx1	19.5" HD+ (1600x900)	10-point Multi-touch	500GB 7200rpm 2.5"	None	7-in-1	Intel 7260 b/g/n, 2x2 + BT4.0	720p	USB / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	11/14
10E2001RUS	US	i3-4005U	Intel HD 4400	4GBx1	19.5" HD+ (1600x900)	10-point Multi-touch	180GB SSD	None	7-in-1	Intel 7260 b/g/n, 2x2 + BT4.0	720p	USB / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	11/14
10E2001SUS	US	i3-4005U	Intel HD 4400	8GBx1	19.5" HD+ (1600x900)	10-point Multi-touch	500GB 7200rpm 2.5"	None	7-in-1	Intel 7260 b/g/n, 2x2 + BT4.0	720p	USB / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	11/14
10E2001TUS	US	i3-4005U	Intel HD 4400	4GBx1	19.5" HD+ (1600x900)	10-point Multi-touch	128GB SSD	None	7-in-1	Intel 7260 b/g/n, 2x2 + BT4.0	720p	USB / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	11/14
10E2001UUS	US	i3-4005U	Intel HD 4400	8GBx1	19.5" HD+ (1600x900)	10-point Multi-touch	256GB SSD Opal	None	7-in-1	Intel 7260 b/g/n, 2x2 + BT4.0	720p	USB / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	11/14
10E20044US	US	i3-4005U	Intel HD 4400	8GBx1	19.5" HD+ (1600x900)	10-point Multi-touch	1TB 5400rpm 2.5"	None	7-in-1	Intel 7260 b/g/n, 2x2 + BT4.0	720p	USB / USB	Frame Stand	Black	Win8.1 DG Win7 Pro 64	1-year, Onsite	06/15

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ThinkCentre M700z Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics
Celeron G3900T	2 / 2	2.6 G	2 MB	DDR4-2133	HD 510
Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510
Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530
Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530
Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530
Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530
Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530

Memory

32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable

Disk

Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm
Some: Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

Some: DVD, SATA 1.5Gb/s, 9.5mm high
Some: DVD burner, SATA 1.5Gb/s, 9.5mm high

Media reader

Optional 9-in-1 media card reader

Graphics

Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™;
Max resolution: 4096x2304 (DP)@60Hz

Display

20" (508mm) **HD+ (1600x900) TFT color**, wide viewing angle 178° (Horizontal), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare

Light sensor

None

Multi-touch

None

Camera

Optional 1.0-megapixel camera, fixed focus, supports 720p, with digital microphone, LED indicator, physical switch on/off

Controls

Microphone mute, brightness up/down buttons, and power button

Chipset

Intel H110 Chipset

Rear ports

Four USB 2.0, ethernet (RJ-45), DisplayPort, optional serial (9-pin),

Side ports

Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)

M.2 card slot

One M.2 Card slot (for WLAN)

Audio support

High Definition (HD) Audio, Realtek ALC233 / two internal stereo speakers (2W x 2), Dolby® Audio™ certified

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

Gigabit ethernet, Realtek RTL8111G, Wake on LAN®

Manageability

None

Security chip

Trusted Platform Module (TPM 1.2-compliant)

Security features

- Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Power-on, admin, hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional Chassis intrusion switch

Keyboard

Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo Slim USB Keyboard (USB connector), black
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Business black color
- Toolless stand
- Support VESA mount (100mm)

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand:	19.8 X 1.5 X 13.5 (inch); 503 X 38 X 344 (mm)	10.2 / 4.62	N/A
With Basic Monitor stand:	19.8 X 9.6 X 16.2 (inch); 503 X 245 X 412 (mm)	14.6 / 6.6	Tilt: 45° back, -5° forward
With Full Function Monitor stand:	19.8 X 9.6 X 15.7 (inch); 503 X 245 X 400 (mm)	14.9 / 6.77	Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45°

Power supply

120 watts adapter, autosensing, 89% PSU

Limited warranty[3]

Some: **1-year or 3-year, depot repair service**
Some: **1-year** or **3-year**, **limited onsite service**
Some: **3-years**, **limited onsite service, OID** (Onsite International Delivery) /
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Preloaded operating system

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 64
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools

- Only for Window 10

- Lenovo Companion
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Environment

EPEAT™ Gold rating; ENERGY STAR® 6.1; TCO Certified; ErP Lot 3; GREENGUARD® certified; RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock)

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Camera	Chassis Intrusion Switch	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10EY0006US	US	i3-6100T	No	Intel HD 530	None	8GBx1	20.0" HD+ (1600x900) WVA AG	None	256GB SSD	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EY0007US	US	i3-6100T	No	Intel HD 530	None	4GBx1	20.0" HD+ (1600x900) WVA AG	None	120GB SSD	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EY0008US	US	i5-6400T	No	Intel HD 530	None	4GBx1	20.0" HD+ (1600x900) WVA AG	None	120GB SSD	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EY0009US	US	Celeron G3900T	No	Intel HD 510	None	4GBx1	20.0" HD+ (1600x900) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 Pro 64	3-year, Onsite	12/15
10EY000AUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	20.0" HD+ (1600x900) WVA AG	None	256GB SSD	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EY000BUS	US	i3-6100T	No	Intel HD 530	None	8GBx1	20.0" HD+ (1600x900) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EY000CUS	US	i7-6700T	No	Intel HD 530	None	4GBx1	20.0" HD+ (1600x900) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 Pro 64	3-year, Onsite	12/15
10EY000DUS	US	i7-6700T	No	Intel HD 530	None	4GBx1	20.0" HD+ (1600x900) WVA AG	None	120GB SSD	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EY000EUS	US	i3-6100T	No	Intel HD 530	None	4GBx1	20.0" HD+ (1600x900) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EY000FUS	US	i5-6400T	No	Intel HD 530	None	8GBx1	20.0" HD+ (1600x900) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EY000GUS	US	i7-6700T	No	Intel HD 530	None	4GBx1	20.0" HD+ (1600x900) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EY000HUS	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	20.0" HD+ (1600x900) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 Pro 64	3-year, Onsite	12/15
10EY000JUS	US	i5-6400T	No	Intel HD 530	None	8GBx1	20.0" HD+ (1600x900) WVA AG	None	256GB SSD	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EY000KUS	US	Celeron G3900T	No	Intel HD 510	None	4GBx1	20.0" HD+ (1600x900) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EY000LUS	US	i5-6400T	No	Intel HD 530	None	4GBx1	20.0" HD+ (1600x900) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EY000MUS	US	i3-6100T	No	Intel HD 530	None	4GBx1	20.0" HD+ (1600x900) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 Pro 64	3-year, Onsite	12/15
10EY000NUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	20.0" HD+ (1600x900) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EY000PUS	US	i5-6400T	No	Intel HD 530	None	4GBx1	20.0" HD+ (1600x900) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 Pro 64	3-year, Onsite	12/15
10EY000QUS	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	20.0" HD+ (1600x900) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EY002LUS	US	i5-6400T	No	Intel HD 530	None	8GBx1	20.0" HD+ (1600x900) WVA AG	None	256GB SSD Opal	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/16

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Camera	Chassis Intrusion Switch	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10EY002MUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	20.0" HD+ (1600x900) WVA AG	None	256GB SSD Opal	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/16
10EY002NUS	US	i3-6100T	No	Intel HD 530	None	8GBx1	20.0" HD+ (1600x900) WVA AG	None	256GB SSD Opal	DVD±RW	9-in-1	3165 ac, 1x1 + BT4.0	None	720p	None	USB / USB	Monitor Stand	120W 89% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/16

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ThinkCentre M800z Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics
Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510
Pentium G4400	2 / 2	3.3 G	3 MB	DDR4-2133	HD 510
Pentium G4500	2 / 2	3.5 G	3 MB	DDR4-2133	HD 530
Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530
Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530

Memory

32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable

Disk

Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm
Some: Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

Some: DVD, SATA 1.5Gb/s, 9.5mm high
Some: DVD burner, SATA 1.5Gb/s, 9.5mm high

Media reader

Optional 9-in-1 media card reader

Graphics

Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™;
Max resolution: 4096x2304 (DP)@60Hz

Display

21.5" (546.1mm) **Full HD 1080p (1920x1080) TFT color**, MVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare for both touch models and non-touch models

Light sensor

None

Multi-touch

Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch

Camera

Optional 1.0-megapixel camera, fixed focus, supports 720p, with digital microphone, LED indicator, physical switch on/off

Controls

Microphone mute, brightness up/down buttons, and power button

Chipset

Intel H110 Chipset

Rear ports

Four USB 2.0, ethernet (RJ-45), DisplayPort, optional serial (9-pin),

Side ports

Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)

M.2 card slot

One M.2 Card slot (for WLAN)

Audio support

High Definition (HD) Audio, Realtek ALC233 / two internal stereo speakers (2W x 2), Dolby® Audio™ certified

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

Gigabit ethernet, Realtek RTL8111G, Wake on LAN®

Manageability

None

Security chip

Trusted Platform Module (TPM 1.2-compliant)

Security features

- Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)
- Smart USB protection, allows keyboard/ mouse only, blocks all storage devices
- Power-on, admin, hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional Chassis intrusion switch

Keyboard

Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo Slim USB Keyboard (USB connector), black
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Business black color
- Toolless stand
- Support VESA mount (100mm)

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand:	21.1 X 1.8 X 14.3 (inch); 535 X 45 X 363 (mm)	(Touch) 14.6 / 6.6 (Non-touch) 12.8 / 5.8	N/A
With Basic Monitor stand:	21.1 X 9.6 X 17.0 (inch); 535 X 245 X 431 (mm)	(Non-touch) 17.0 / 7.7	Tilt: 45° back, -5° forward
With UltraFlex II stand:	21.1X 10.0 X 19.3 (inch); 535 X 253 X 489 (mm)	(Touch) 20.3 / 9.2 (Non-touch) 18.3 / 8.3	Tilt: 61° back, -5° forward; Lift: 160mm; Swivel: +/-45°

Power supply

150 watts, autosensing, 85% PSU

Limited warranty[3]

Some: **1-year or 3-year, depot repair service**
Some: **1-year** or **3-year**, **limited onsite service**
Some: **3-years**, **limited onsite service, OID** (Onsite International Delivery) /
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Preloaded operating system

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 64
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools

- Only for Window 10

- Lenovo Companion
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Environment

EPEAT™ Gold rating; ENERGY STAR® 6.1; TCO Certified; ErP Lot 3; GREENGUARD® certified; RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock)

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Camera	Chassis Intrusion Switch	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10ET0002US	US	i5-6500	No	Intel HD 530	DP to HDMI	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10ET0003US	US	i7-6700	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10ET0004US	US	i5-6500	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	11/15
10ET0005US	US	i7-6700	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10ET0007US	US	i5-6500	No	Intel HD 530	DP to HDMI	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10ET0009US	US	i5-6400	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	11/15
10ET000AUS	US	i5-6400	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10ET000CUS	US	i5-6400	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10ET001AUS	US	Pentium G4400	No	Intel HD 510	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10ET001BUS	US	i7-6700	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	256GB SSD	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10ET001CUS	US	i3-6100	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	120GB SSD	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10ET001DUS	US	i3-6100	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10ET001EUS	US	i5-6400	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	256GB SSD	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10ET001FUS	US	i3-6100	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	12/15
10ET001GUS	US	Celeron G3900	No	Intel HD 510	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10ET001HUS	US	i7-6700	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	11/15
10ET001JUS	US	i7-6700	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	120GB SSD	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10ET001KUS	US	i5-6400	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	120GB SSD	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10ET001LUS	US	i3-6100	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	256GB SSD	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10ET001MUS	US	i3-6100	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Camera	Chassis Intrusion Switch	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10ET0026US	US	i7-6700	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	256GB SSD Opal	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/16
10ET0027US	US	i5-6400	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	256GB SSD Opal	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/16
10ET0028US	US	i3-6100	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	10-point Multi-touch	256GB SSD Opal	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/16

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Camera	Chassis Intrusion Switch	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10EU001PUS	US	i5-6400	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	Basic Monitor Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	11/15
10EU001QUS	US	i7-6700	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10EU001RUS	US	i7-6700	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	Basic Monitor Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	11/15
10EU001SUS	US	i5-6400	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	11/15
10EU001TUS	US	i5-6400	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10EU001UUS	US	i7-6700	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	11/15
10EU001VUS	US	i7-6700	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10EU001WUS	US	i5-6400	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10EU002WUS	US	i7-6700	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	120GB SSD	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10EU002XUS	US	i3-6100	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	256GB SSD	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EU002YUS	US	i5-6400	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	256GB SSD	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10EU0030US	US	Pentium G4400	No	Intel HD 510	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EU0031US	US	i3-6100	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EU0032US	US	Celeron G3900	No	Intel HD 510	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	03/16
10EU0033US	US	i5-6400	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	120GB SSD	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10EU0034US	US	i3-6100	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EU0035US	US	i3-6100	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	120GB SSD	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10EU0036US	US	i7-6700	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	256GB SSD	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10EU0037US	US	i3-6100	No	Intel HD 530	None	4GBx1	21.5" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	12/15
10EU0048US	US	i7-6700	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	256GB SSD Opal	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/16

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Camera	Chassis Intrusion Switch	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10EU0049US	US	i3-6100	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	256GB SSD Opal	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/16
10EU004AUS	US	i5-6400	No	Intel HD 530	None	8GBx1	21.5" FHD (1920x1080) WVA AG	None	256GB SSD Opal	DVD±RW	9-in-1	8260 ac, 2x2 + BT4.1	None	720p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/16

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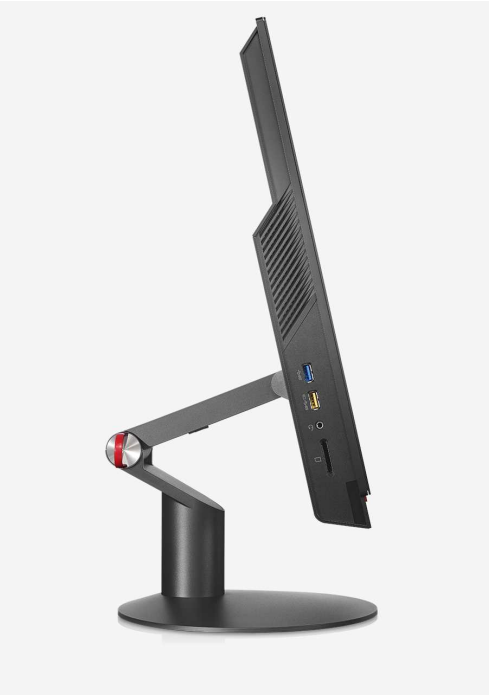

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ThinkCentre M900z Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No
Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	No
Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No
Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	vPro
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro

Memory

32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable

Disk

Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm
Some: Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

Some: DVD, SATA 1.5Gb/s, 9.5mm high
Some: DVD burner, SATA 1.5Gb/s, 9.5mm high

Media reader

Optional 9-in-1 media card reader

Graphics

Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™;
Max resolution: 4096x2304 (DP)@60Hz

Display

23.8" (604.5mm) **Full HD 1080p (1920x1080) TFT color**, WVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare for both touch models and non-touch models, work as standalone monitor via DisplayPort (DP in / out combo)

Light sensor

None

Multi-touch

Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch

Camera

Optional 2.0-megapixel camera, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off, Skype for Business certified

Controls

Microphone mute, monitor mode switch, brightness up/down buttons, and power button

Chipset

Intel Q170 Chipset

Rear ports

Four USB 3.0, ethernet (RJ-45), DisplayPort in/out combo port, optional serial (9-pin),

Side ports

Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)

M.2 card slot

One M.2 Card slot (for WLAN)

Audio support

High Definition (HD) Audio, Realtek ALC286 / two internal stereo speakers (3W x 2), Dolby® Audio™ certified, Skype for Business certified

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®

Manageability

Intel Active Management Technology 11.0 (Intel AMT 11.0);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

Trusted Platform Module (TPM 1.2-compliant)

Security features

- Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Power-on, admin, hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional Chassis intrusion switch

Keyboard

Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo Slim USB Keyboard (USB connector), black
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Business black color
- Toolless back cover, stand, disk, memory removal
- Support VESA mount (100mm)

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand:	23.0 X 1.8 X 15.4 (inch); 584 X 45 X 390 (mm)	(Touch) 17.2 / 7.8 (Non-touch) 15.0 / 6.8	N/A
With Basic Monitor stand:	23.0 X 9.6 X 18.0 (inch); 584 X 245 X 458 (mm)	(Non-touch) 19.4 / 8.8	Tilt: 45° back, -5° forward
With UltraFlex II stand:	23.0X 10.0 X 19.9 (inch); 584 X 253 X 505 (mm)	(Touch) 22.7 / 10.3 (Non-touch) 20.7 / 9.4	Tilt: 61° back, -5° forward; Lift: 160mm; Swivel: +/-45°

Power supply

150 watts, autosensing, 85% PSU

Limited warranty[3]

Some: **1-year or 3-year, depot repair service**
Some: **1-year** or **3-year**, **limited onsite service**
Some: **3-years**, **limited onsite service, OID** (Onsite International Delivery) /
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Preloaded operating system

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 64
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools

- Only for Window 10

- Lenovo Companion
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Environment

EPEAT™ Gold rating; ENERGY STAR® 6.1; TCO Certified Edge; TUV Green Mark; ULE Gold; ErP Lot 3; GREENGUARD® certified; RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock)

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Camera	Chassis Intrusion Switch	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10F20005US	US	i7-6700	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	Switch	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10F20006US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10F20008US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10F20009US	US	i7-6700	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	Switch	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10F2000AUS	US	i5-6600	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 32	3-year, Onsite	11/15
10F2000YUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	11/15
10F20010US	US	i7-6700	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	11/15
10F2001BUS	US	i7-6700	vPro	Intel HD 530	None	4GBx2	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	128GB SSD	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	1-year, Onsite	11/15
10F20022US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	128GB SSD	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	03/16
10F20023US	US	i7-6700	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	128GB SSD	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	03/16
10F20024US	US	i7-6700	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	256GB SSD	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	03/16
10F20025US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	128GB SSD	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	03/16
10F20026US	US	i7-6700	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	128GB SSD	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	03/16
10F20027US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	256GB SSD	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	03/16
10F20028US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	256GB SSD	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	03/16
10F20029US	US	i7-6700	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	256GB SSD	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	03/16
10F2002PUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	256GB SSD Opal	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/16
10F2002QUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	256GB SSD Opal	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	12/16
10F2002RUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	256GB SSD Opal	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	12/16
10F2002SUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	10-point Multi-touch	256GB SSD Opal	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	12/16

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Camera	Chassis Intrusion Switch	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10F30005US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10F30006US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10F30009US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	11/15
10F3000AUS	US	i7-6700	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	None	500GB 7200rpm 2.5"	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	11/15
10F3001FUS	US	i7-6700	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	None	128GB SSD	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	05/16
10F3001GUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	23.8" FHD (1920x1080) WVA AG	None	128GB SSD	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	05/16
10F3001HUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	256GB SSD	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	05/16
10F3001JUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	256GB SSD	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	05/16
10F30023US	US	i7-6700	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	256GB SSD Opal	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	12/16
10F30024US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	23.8" FHD (1920x1080) WVA AG	None	256GB SSD Opal	DVD±RW	9-in-1	8260 ac, 2x2, vPro + BT4.1	None	1080p	None	USB / USB	UltraFlex II Stand	150W 85% Adapter	Win10 Pro 64	3-year, Onsite	12/16

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ThinkCentre M600 Tiny Platform Specifications

Processor

Intel® Celeron® Processor N3000 Series or Intel Pentium® Processor N3000 Series

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Celeron N3000	2 / 2	1.04 / 2.08 GHz	2MB	DDR3L-1600	Intel HD
Celeron N3010	2 / 2	1.04 / 2.24 GHz	2MB	DDR3L-1600	Intel HD 400
Celeron N3050	2 / 2	1.6 / 2.16 GHz	2MB	DDR3L-1600	Intel HD
Pentium N3700	4 / 4	1.6 / 2.4 GHz	2MB	DDR3L-1600	Intel HD
Pentium J3710	4 / 4	1.6 / 2.64 GHz	2MB	DDR3L-1600	Intel HD 405

Chipset

Intel Architecture (IA) SoC that integrates Intel processor core, graphics, memory controller, and I/O interfaces into a single system-on-chip solution

Graphics

Intel HD Graphics in processor, uses main memory, DirectX® 11.1, twoDisplayPort™, one optional 3rd DP or VGA, supports triple independent display; Maximum resolution: 3840x2160(DP)@30Hz; 1920x1200(optional VGA)@60Hz; 1920x1080(DP to VGA dongle)@60Hz; 1920x1080(DP to DVI dongle)@60Hz; 3840x2160(DP to HDMI dongle)@30Hz

Monitor cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Memory

8GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, one 204-pin SO-DIMM socket

Storage

Some: M.2 Solid State Drive (SSD), SATA interface
Some: hard disk, 5400 or 7200 rpm, SATA 6.0Gb/s, 2.5" Wide
Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

Some: external ODD box with DVD-ROM, 9.5mm high, via USB
Some: external ODD box with DVD±RW, 9.5mm high, via USB
Some: external ODD box (for TIO) with DVD-ROM, 9.5mm high, via USB
Some: external ODD box (for TIO) with DVD±RW, 9.5mm high, via USB

Onboard SATA

SATA 6.0Gb/s controller, one connectors on planar

Media reader

None

Front ports

Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)

Rear ports

Two USB 2.0, two USB 3.0 (optional external optical box or I/O box occupies one or two specific USB on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, or serial on some models), one headphone; additional four serial (9-pin), one parallel (25-pin), and two PS/2 ports on 2L models

I/O box

Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M600 Tiny)

Audio support

High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Realtek RTL8821AE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®

Modem

None

Manageability

None

Security chip

Trusted Platform Module, TCG 1.2-compliant

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: PS/2 Keyboard (PS/2 connector), Lenovo logo
Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo USB Fingerprint Keyboard (USB connector)
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: PS/2 Optical Wheel Mouse, black, Lenovo logo
Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Tiny (1L or 2L), black color; metal case

	Dimensions (WxDxH)	Max weight (lb / kg)
M600 Tiny only (1L)	7.05" X 7.20" X 1.36" 179mm X 182.9mm X 34.5mm	2.9 lb (1.3 kg)
M600 Tiny only (2L)	7.05" X 7.20" X 3.15" 179mm X 182.9mm X 80mm	4.2 lb (1.9 kg)
M600 Tiny (1L) with VESA mount & ODD box	7.42" X 7.30" X 2.48" 188.4mm X 185.38mm X 63mm	4.12 lb (1.87 kg)
M600 Tiny (1L) with VESA mount & I/O box	7.42" X 7.30" X 2.62" 188.4mm X 185.38mm X 66.6mm	3.53 lb (1.6 kg)

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)
90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)

Limited warranty[3]

Some: 1-year or 3-year, depot service / service upgrades available
Some: 1-year or 3-year, limited onsite service / service upgrades available
Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 64
Some: Windows® 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Some: Windows® Embedded Standard 7 (WES 7)
Some: LeTOS (Lenovo Terminal Operating System, Linux-based)

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools

- Only for Window 10

- Lenovo Companion (Win10)
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Preloaded applications (only some listed)

- WES 7 only:
- RDP Client (RDP 8.1 support)
- Citrix Client
- VMware Client
- Internet Explorer 11
- Java
- Flash
- .Net Framework
- Microsoft® Silverlight
- Echo Agent (client for LTM, Lenovo Thin Client Manager)
- Adobe Reader
- UltraVNC

- LeTOS only:

- xFreeRDP
- Citrix ICA Client
- VMware View Client
- Java
- Mozilla Firefox

Environment

ENERGY STAR® 6.0*, EPEAT™ Gold rating* (*for Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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Model	Region	Case 1L/2L	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10G9000NUS	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	1-year, Onsite	10/15
10G9000XUS	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	1-year, Onsite	05/16
10G9000YUS	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	1-year, Onsite	05/16
10G90010US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	1-year, Onsite	05/16
10G90011US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	128GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	1-year, Onsite	05/16
10G90012US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	1-year, Onsite	05/16
10G90013US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	128GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	1-year, Onsite	05/16
10G90014US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	1-year, Onsite	05/16
10G90015US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	1-year, Onsite	05/16
10G90016US	US	1L	Pentium N3700	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	1-year, Onsite	05/16
10G9001CUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	1-year, Onsite	07/16
10G9001DUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	1-year, Onsite	07/16
10G9001EUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	1-year, Onsite	07/16
10G9001FUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	1-year, Onsite	07/16
10G9001GUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	128GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	1-year, Onsite	07/16
10G9001HUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	1-year, Onsite	07/16
10G9001QUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	1-year, Onsite	09/16
10G9001RUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	128GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	1-year, Onsite	09/16
10G9001SUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	1-year, Onsite	09/16
10G9001TUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	1-year, Onsite	09/16

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Model	Region	Case 1L/2L	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10G9001UUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	1-year, Onsite	09/16
10G9001VUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	1-year, Onsite	09/16
10G9001WUS	US	1L	Pentium J3710	No	Intel HD 405	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	1-year, Onsite	09/16

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Model	Region	Case 1L/2L	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10GB000JUS	US	1L	Celeron N3050	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/15
10GB000KUS	US	1L	Celeron N3050	No	Intel HD	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10GB000LUS	US	1L	Celeron N3050	No	Intel HD	None	4GBx1	120GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10GB000MUS	US	1L	Celeron N3050	No	Intel HD	None	4GBx1	120GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/15

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Model	Region	Case 1L/2L	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10KH0001US	US	1L	Celeron N3000	No	Intel HD	None	2GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	1-year, Onsite	01/16
10KH0002US	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	01/16
10KH0003US	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	1-year, Onsite	01/16
10KH0004US	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	01/16
10KH0005US	US	1L	Celeron N3000	No	Intel HD	None	2GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	01/16
10KH0006US	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	01/16
10KH0007US	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	1-year, Onsite	01/16
10KH0008US	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	1-year, Onsite	01/16
10KH0009US	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	3-year, Onsite	01/16
10KH000AUS	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	01/16
10KH000BUS	US	1L	Celeron N3000	No	Intel HD	None	2GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	1-year, Onsite	01/16
10KH000CUS	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	1-year, Onsite	01/16
10KH000DUS	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	3-year, Onsite	01/16
10KH000EUS	US	1L	Celeron N3000	No	Intel HD	None	2GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	3-year, Onsite	01/16
10KH000FUS	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	1-year, Onsite	01/16
10KH000GUS	US	1L	Celeron N3000	No	Intel HD	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	3-year, Onsite	01/16
10KH0023US	US	1L	Celeron N3010	No	Intel HD 400	None	2GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	1-year, Onsite	07/16
10KH0024US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	1-year, Onsite	07/16
10KH0025US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	1-year, Onsite	07/16
10KH0026US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	1-year, Onsite	07/16

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Model	Region	Case 1L/2L	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10KH0027US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	1-year, Onsite	07/16
10KH0028US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	1-year, Onsite	07/16
10KH0029US	US	1L	Celeron N3010	No	Intel HD 400	None	4GBx1	16GB SSD M.2	None	RTL8821AE ac, 1x1 + BT4.0	Serial	Switch	None	1Wx1	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	1-year, Onsite	07/16

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ThinkCentre M700 SFF Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics
Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510
Pentium G4400	2 / 2	3.3 G	3 MB	DDR4-2133	HD 510
Pentium G4500	2 / 2	3.5 G	3 MB	DDR4-2133	HD 530
Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530
Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530

Memory

32GB max, UDIMM, DDR4 2133, two 288-pin DIMM sockets, dual-channel capable

Disk

Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm
Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive
Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive

Onboard SATA

Three onboard SATA 6.0Gb/s connectors

Media reader

Optional 9-in-1 media reader

Graphics

Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, one DisplayPort™, supports two independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 1920x1200 (VGA)@60Hz
Some: **NVIDIA® Quadro® K420**, DirectX 12, 2GB, PCIe 2.0 x16 adapter, one DVI-I, one DisplayPort, 41 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz; 2560x1600 (DVI-I)@60Hz
Some: **NVIDIA Geforce® GT 720**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, one VGA, one HDMI, 25 watts;
Max resolution: 1920x1080 (HDMI)@60Hz; 2048x1536 (VGA)@85Hz
Some: **NVIDIA Geforce GT 720**, DirectX 12, 1GB, PCIe 2.0 x8 adapter, two DisplayPort, 25 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;

DP cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Chipset

Intel H110 Chipset

Front ports

Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)

Rear ports

Two USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, one DisplayPort, two PS/2 ports (keyboard/mouse);
additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models

Rear audio ports

Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)

IEEE 1394

None

Audio support

High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Realtek RTL8111GN, Wake on LAN®

Modem

None

Manageability

None

Security chip

Trusted Platform Module, TCG 1.2-compliant

Security features

- One lock to secure both cover and entire system to fixed object:
  -Padlock loop (in rear for opt padlock)
  -Security slot (in rear for optional Kensington® MicroSaver® cable)
- Optional cable lock to physically lock both keyboard and mouse
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

Keyboard

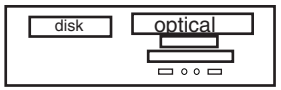
Some: PS/2 Keyboard (PS/2 connector), Lenovo logo
Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo USB Fingerprint Keyboard (USB connector)
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: PS/2 Optical Wheel Mouse, black, Lenovo logo
Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- SFF (9.7L), black color; metal case
- *(WxDxH)* 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm
- 12.3 lb (5.6 kg)
- Toolless cover, disk, optical removal
- Toolless graphics, PCI adapter retention
- Optional dust filter



Bay 1: N/A, 9.5mm high, external, std optical
Bay 2: 3.5", 1" high, internal, std disk
Bay 3: 2.5", N/A, internal, opt 2nd 2.5" disk (optional bay)
Bay 4: N/A, N/A, external, opt reader
Slot 1: Low Profile, PCI Express 3.0 x16
Slot 2: Low Profile, PCIe 2.0 x1
Slot 3: Low Profile, PCIe 2.0 x1

Floor Stand

Optional system floor stand for vertical orientation

Power supply

Some: 180 watts, autosensing, 85% PSU
Some: 210 watts, autosensing, 85% PSU

Limited warranty[3]

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available
Some: **3-year**, **limited onsite service, OID** (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Preloaded operating system

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 32/64
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools

- Only for Window 10

- Lenovo Companion
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Environment

ENERGY STAR® 6.0*, EPEAT™ Gold rating* (*Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	Optical	Optional 2nd 2.5" Bay	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10GT002DUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002EUS	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002FUS	US	Pentium G4400	No	Intel HD 510	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002GUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002HUS	US	i5-6400	No	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002JUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002KUS	US	i7-6700	No	Intel HD 530	None	8GBx1	192GB SSD	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002LUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002MUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002NUS	US	i5-6400	No	GT 720 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002PUS	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002QUS	US	i7-6700	No	Intel HD 530	None	8GBx1	120GB SSD	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002RUS	US	i7-6700	No	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002SUS	US	i5-6400	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002TUS	US	i7-6700	No	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002UUS	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002VUS	US	i5-6400	No	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT002WUS	US	i5-6400	No	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT0036US	US	i5-6400	No	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT0037US	US	i5-6400	No	Intel HD 530	None	8GBx1	192GB SSD	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	Optical	Optional 2nd 2.5" Bay	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10GT0038US	US	i5-6400	No	Intel HD 530	None	8GBx1	120GB SSD	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT0039US	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT003AUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	Intel 3165 ac, 1x1 + BT4.0	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT003BUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT003CUS	US	Pentium G4400	No	Intel HD 510	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GT003DUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	None / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	01/16
10GT003EUS	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	None / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	01/16
10GT003FUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	Intel 3165 ac, 1x1 + BT4.0	None	None	None	None	None	None / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	01/16
10GT003GUS	US	Pentium G4400	No	Intel HD 510	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	Intel 3165 ac, 1x1 + BT4.0	None	None	None	None	None	None / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	01/16
10GT004GUS	US	i5-6500	No	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/16
10GT004HUS	US	i5-6500	No	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/16
10GT004YUS	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	Intel 3165 ac, 1x1 + BT4.0	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	05/16
10GT0050US	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	05/16
10GT0051US	US	i5-6400	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	05/16
10GT0052US	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	05/16
10GT0053US	US	i7-6700	No	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	05/16
10GT0054US	US	i7-6700	No	Intel HD 530	None	8GBx1	180GB SSD Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	05/16
10GT0055US	US	i7-6700	No	Intel HD 530	None	4GBx1	128GB SSD	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	05/16
10GT0056US	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	05/16
10GT005EUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	10/16

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	Optical	Optional 2nd 2.5" Bay	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10GT005FUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10GT005GUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10GT005HUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	10/16

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ThinkCentre M700 Tiny Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics
Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510
Pentium G4500T	2 / 2	3.0 G	3 MB	DDR4-2133	HD 530
Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530
Core i3-6300T	2 / 4	3.3 G	4 MB	DDR4-2133	HD 530
Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530
Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530
Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530
Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530

Memory

32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable

Disk

Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm
Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide
Some: M.2 Solid State Drive (SSD) / SATA interface

Optical

Some: external ODD box with DVD-ROM, 9.5mm high, via USB
Some: external ODD box with DVD±RW, 9.5mm high, via USB
Some: external ODD box (for TIO) with DVD-ROM, 9.5mm high, via USB
Some: external ODD box (for TIO) with DVD±RW, 9.5mm high, via USB

Onboard SATA

One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar

Media reader

None

Graphics

Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays;
Max resolution: 4096x2304 (DP)@60Hz; 4096x2160 (HDMI)@24Hz; 1920x1200 (VGA)@60Hz

DP cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Chipset

Intel B150 Chipset

Front ports

Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)

Rear ports

Four USB 3.0 (optional external optical box or external I/O box occupies one or two specific USB 3.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone

I/O box

Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M700 Tiny)

Audio support

High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Realtek RTL8821AE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LV (Jacksonville), Wake on LAN®

Modem

None

Manageability

None

Security chip

Trusted Platform Module, TCG 1.2-compliant

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/ mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo
Some: Lenovo USB Fingerprint Keyboard (USB connector)
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

Tiny (1L), black color; metal case
M700 Tiny only:
7.05" W X 7.20" D X 1.36" H
179mm W X 182.9mm D X 34.5mm H
2.9 lb (1.3 kg), weight may vary by configuration
With VESA mount & ODD box:
7.42" W X 7.30" D X 2.48" H
188.4mm W X 185.38mm D X 63mm H
4.12 lb (1.87 kg), weight may vary by configuration
With VESA mount & I/O box:
7.42" W X 7.30" D X 2.62" H
188.4mm W X 185.38mm D X 66.6mm H
3.53 lb (1.6 kg), weight may vary by configuration

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)
90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)

Limited warranty[3]

Some: 1-year or 3-year, depot service / service upgrades available
Some: 1-year or 3-year, limited onsite service / service upgrades available
Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 32/64
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools
- Intel Unite (vPro models only)

- Only for Window 10
- Lenovo Companion
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7
- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Some: Windows® Embedded Standard 7 (WES 7)
Some: LeTOS (Lenovo Terminal Operating System, Linux-based)

Preloaded applications (only some listed)

- WES 7 only:
- RDP Client (RDP 8.1 support)
- Citrix Client
- VMware Client
- Internet Explorer 11
- Java
- Flash
- .Net Framework
- Microsoft® Silverlight
- Echo Agent (client for LTM, Lenovo Thin Client Manager)
- Adobe Reader
- UltraVNC

- LeTOS only:
- xFreeRDP
- Citrix ICA Client
- VMware View Client
- Java
- Mozilla Firefox

Environment

ENERGY STAR® 6.0*, EPEAT™ Gold rating* (*for Windows models only); ErP Lot 3; GREENGUARD®; RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock)

Accessories

For compatible accessories, please go to TC-AQP sheet

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	War-ranty	Ann Date (m/y)
10HY0004US	US	i5-6400T	No	Intel HD 530	None	4GBx1	120GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY0005US	US	i5-6400T	No	Intel HD 530	None	4GBx1	180GB SSD Opal	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY0006US	US	i5-6500T	No	Intel HD 530	None	4GBx1	120GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY0007US	US	i5-6500T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY0008US	US	i5-6400T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY0009US	US	i5-6400T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY000AUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY000BUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	120GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY000CUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	120GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY000DUS	US	i5-6400T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY000EUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	120GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY000FUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	120GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY000GUS	US	i5-6400T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY000HUS	US	i5-6500T	No	Intel HD 530	None	4GBx1	120GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY000JUS	US	i5-6400T	No	Intel HD 530	None	4GBx1	120GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY000KUS	US	i5-6500T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY0013US	US	i7-6700T	No	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY0014US	US	i7-6700T	No	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY0015US	US	i5-6400T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY0016US	US	i5-6400T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	War-ranty	Ann Date (m/y)
10HY0017US	US	i5-6400T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY0018US	US	i7-6700T	No	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY0019US	US	i5-6400T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001AUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001BUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001CUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001DUS	US	i5-6400T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001EUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	180GB SSD Opal	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001FUS	US	i5-6400T	No	Intel HD 530	None	4GBx1	180GB SSD Opal	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001GUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001HUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001JUS	US	i5-6400T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001KUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	180GB SSD Opal	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001LUS	US	i7-6700T	No	Intel HD 530	None	8GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001MUS	US	i5-6500T	No	Intel HD 530	None	4GBx1	180GB SSD Opal	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001NUS	US	i5-6400T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001PUS	US	i5-6400T	No	Intel HD 530	None	4GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY001QUS	US	i5-6400T	No	Intel HD 530	None	8GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001RUS	US	i5-6500T	No	Intel HD 530	None	8GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001SUS	US	i3-6100T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	War-ranty	Ann Date (m/y)
10HY001TUS	US	i3-6100T	No	Intel HD 530	None	4GBx1	128GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY001UUS	US	i3-6100T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY001VUS	US	i3-6100T	No	Intel HD 530	None	4GBx1	128GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001WUS	US	i3-6100T	No	Intel HD 530	None	4GBx1	128GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001XUS	US	i3-6100T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY001YUS	US	i3-6100T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY0020US	US	i3-6100T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY0021US	US	i3-6100T	No	Intel HD 530	None	8GBx1	128GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY0022US	US	i3-6100T	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY0023US	US	i3-6100T	No	Intel HD 530	None	4GBx1	128GB SSD	DVD±RW	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY0024US	US	i5-6500T	No	Intel HD 530	None	4GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY0025US	US	i7-6700T	No	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY0026US	US	i7-6700T	No	Intel HD 530	None	8GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/16
10HY0027US	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY0028US	US	i5-6400T	No	Intel HD 530	None	4GBx1	256GB SSD Opal	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY0029US	US	i5-6500T	No	Intel HD 530	None	4GBx1	256GB SSD Opal	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY002AUS	US	i5-6500T	No	Intel HD 530	None	8GBx1	256GB SSD Opal	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY002BUS	US	i5-6400T	No	Intel HD 530	None	8GBx1	256GB SSD Opal	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY002CUS	US	i5-6400T	No	Intel HD 530	None	4GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10HY003HUS	US	i5-6500T	No	Intel HD 530	None	8GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	03/16

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	War-ranty	Ann Date (m/y)
10HY003JUS	US	i5-6600T	No	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	03/16
10HY003KUS	US	i5-6600T	No	Intel HD 530	None	8GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	03/16
10HY0057US	US	i5-6500T	No	Intel HD 530	None	8GBx1	256GB SSD Opal	None	Intel 8260 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10HY0058US	US	i5-6500T	No	Intel HD 530	None	8GBx1	128GB SSD	None	Intel 8260 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10HY0059US	US	i3-6100T	No	Intel HD 530	None	8GBx1	128GB SSD	None	Intel 3165 ac, 1x1 + BT4.0	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10HY0068US	US	i3-6100T	No	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16
10HY0069US	US	i3-6100T	No	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	None	Intel 3165 ac, 1x1 + BT4.0	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10JQ0000US	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	03/16
10JQ0001US	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	03/16
10JQ0002US	US	i3-6100T	No	Intel HD 530	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	03/16
10JQ0003US	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	03/16
10JQ0004US	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	Serial	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	03/16
10JQ0005US	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	3-year, Onsite	03/16
10JQ0006US	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	3-year, Onsite	03/16
10JQ0007US	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	Serial	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	3-year, Onsite	03/16
10JQ0008US	US	i3-6100T	No	Intel HD 530	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	3-year, Onsite	03/16
10JQ000EUS	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	01/17
10JQ000FUS	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	3-year, Onsite	01/17
10JQ000GUS	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	01/17
10JQ000HUS	US	i3-6100T	No	Intel HD 530	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	01/17
10JQ000JUS	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	Serial	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	3-year, Onsite	01/17
10JQ000KUS	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	3-year, Onsite	01/17
10JQ000LUS	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	01/17
10JQ000MUS	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	Serial	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	WES 7	3-year, Onsite	01/17
10JQ000NUS	US	Pentium G4400T	No	Intel HD 510	None	4GBx1	16GB SSD M.2	None	QCA6174 ac, 2x2 + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	LeTOS	3-year, Onsite	01/17

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ThinkCentre M700 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics
Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510
Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530
Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530
Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530

Memory

32GB max, UDIMM, DDR4 2133, two 288-pin DIMM sockets, dual-channel capable

Disk

Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm
Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide
Some: Front accessible and removable HDD, 3.5", lockable via physical key

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive
Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive

Onboard SATA

Three onboard SATA 6.0Gb/s connectors,

Media reader

Optional 9-in-1 media reader

Graphics

Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, one DisplayPort™, supports two independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 1920x1200 (VGA)@60Hz
Some: **NVIDIA® Quadro® K420**, DirectX 12, 2GB, PCIe 2.0 x16 adapter, one DVI-I, one DisplayPort, 41 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz; 2560x1600 (DVI-I)@60Hz
Some: **NVIDIA Geforce® GT 720**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, one VGA, one HDMI, 25 watts;
Max resolution: 1920x1080 (HDMI)@60Hz; 2048x1536 (VGA)@85Hz
Some: **NVIDIA Geforce GT 720**, DirectX 12, 1GB, PCIe 2.0 x8 adapter, two DisplayPort, 25 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;

DP cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Chipset

Intel H110 Chipset

Front ports

Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)

Rear ports

Two USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, one DisplayPort, two PS/2 ports (keyboard/mouse); additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models

Rear audio ports

Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)

IEEE 1394

None

Audio support

High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Realtek RTL8111GN, Wake on LAN®

Modem

None

Manageability

None

Security chip

Trusted Platform Module, TCG 1.2-compliant

Security features

- One lock to secure both cover and entire system to fixed object:
  -Padlock loop (in rear for opt padlock)
  -Security slot (in rear for optional Kensington® MicroSaver® cable)
- Optional cable lock to physically lock both keyboard and mouse
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

Keyboard

Some: PS/2 Keyboard (PS/2 connector), Lenovo logo
Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo USB Fingerprint Keyboard (USB connector)
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

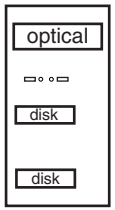
Mouse

Some: PS/2 Optical Wheel Mouse, black, Lenovo logo
Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Tower (20L), black color, metal case
- *(WxDxH)* 6.3" X 15.5" X 15.7"; 160mm X 394.5mm X 398mm
- 19.8 lb (9.0 kg)
- Optional handle
- Optional dust filter

Bay 1: 5.25", 1.6" high, access, std optical / opt front access HDD
Bay 2: 3.5", 1" high, no access, std disk
Bay 3: 3.5", 1" high, no access, opt disk
Bay 4: N/A, N/A, external, opt reader
Slot 1: half-length, full-height, PCIe 3.0 x16
Slot 2: half-length, full-height, PCIe 2.0 x1
Slot 3: half-length, full-height, PCIe 2.0 x1



Power supply

Some: 180 watts, autosensing, 85% PSU
Some: 250 watts, autosensing, 85% PSU

Limited warranty[3]

Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available
Some: **3-year**, **limited onsite service, OID** (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Preloaded operating system

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 32/64
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools

- Only for Window 10

- Lenovo Companion
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Environment

ENERGY STAR® 6.0*, EPEAT™ Gold rating* (*Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD ; RoHS-compliant

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	Optical	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Front Access HDD	Dust Filter	Keyboard / Mouse	Carry Handle	Power Supply	Operating System	Warranty	Ann Date (m/y)
10GR001MUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR001NUS	US	Pentium G4400	No	Intel HD 510	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR001PUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR001QUS	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR001RUS	US	i7-6700	No	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR001SUS	US	i7-6700	No	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR001TUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR001UUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR001VUS	US	i7-6700	No	Intel HD 530	None	8GBx1	120GB SSD	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR001WUS	US	i7-6700	No	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR001XUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR001YUS	US	i5-6400	No	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR0020US	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR0021US	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR0022US	US	i5-6400	No	Intel HD 530	None	8GBx1	192GB SSD	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR0023US	US	i5-6400	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR0024US	US	i5-6400	No	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR0025US	US	i5-6400	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR0026US	US	i5-6400	No	Intel HD 530	None	8GBx1	120GB SSD	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR0027US	US	i5-6400	No	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	Optical	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Front Access HDD	Dust Filter	Keyboard / Mouse	Carry Handle	Power Supply	Operating System	Warranty	Ann Date (m/y)
10GR0028US	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR0029US	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR002AUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	Intel 3165 ac, 1x1 + BT4.0	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR002BUS	US	Pentium G4400	No	Intel HD 510	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	01/16
10GR002CUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	01/16
10GR002DUS	US	Pentium G4400	No	Intel HD 510	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	Intel 3165 ac, 1x1 + BT4.0	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	01/16
10GR002EUS	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	01/16
10GR004FUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	06/16
10GR004GUS	US	Pentium G4400	No	Intel HD 510	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	06/16
10GR004HUS	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	06/16
10GR004JUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	06/16
10GR004KUS	US	i3-6100	No	Intel HD 530	None	4GBx1	128GB SSD	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	06/16
10GR004LUS	US	i5-6400	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	06/16
10GR004MUS	US	i5-6400	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	06/16
10GR004NUS	US	i5-6400	No	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	06/16
10GR004PUS	US	i5-6400	No	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	06/16
10GR004QUS	US	Pentium G4400	No	Intel HD 510	None	4GBx1	128GB SSD	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	06/16
10GR004RUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	06/16
10GR004SUS	US	i7-6700	No	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	06/16
10GR004TUS	US	i3-6100	No	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	06/16

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	Optical	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Front Access HDD	Dust Filter	Keyboard / Mouse	Carry Handle	Power Supply	Operating System	Warranty	Ann Date (m/y)
10GR004UUS	US	i5-6400	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	Intel 3165 ac, 1x1 + BT4.0	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	06/16
10GR0056US	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10GR0057US	US	i5-6400	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	10/16
10GR0058US	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	10/16
10GR0059US	US	i5-6400	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10GR005AUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	10/16
10GR005BUS	US	i5-6400	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10GR005CUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	Intel 8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10GR005DUS	US	i5-6400	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	10/16
10GR005EUS	US	i3-6100	No	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	10/16

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ThinkCentre M715 Tiny Platform Specifications

Processor

AMD A6, A10, or A12 series APUs

APU	Cores	Frequency Base/Max	L2 Cache	Memory Types	Integrated Graphics
PRO A6-9500E	2	3.0 / 3.4 GHz	1 MB	DDR4-2400	Radeon R5 Series
PRO A10-9700E	4	3.0 / 3.5 GHz	2 MB	DDR4-2400	Radeon R7 Series
PRO A12-9800E	4	3.1 / 3.8 GHz	2 MB	DDR4-2400	Radeon R7 Series
PRO A6-8570E	2	3.0 / 3.4 GHz	1 MB	DDR4-2400	Radeon R5 Series
PRO A10-8770E	4	2.8 / 3.5 GHz	2 MB	DDR4-2400	Radeon R7 Series
PRO A12-8870E	4	2.9 / 3.8 GHz	2 MB	DDR4-2400	Radeon R7 Series

Memory

32GB max, DDR4 2400, two 260-pin SO-DIMM sockets, dual-channel capable
*16GB single SO-DIMM is only available via special bid models

Disk

Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm
Some: M.2 Solid State Drive (SSD) / PCIe interface, NWMe

Optical

Some: DVD-ROM, 9.0mm high, via USB external ODD box
Some: DVD±RW, 9.0mm high, via USB external ODD box

Onboard SATA

One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar

Media reader

None

Graphics

AMD Radeon™ Graphics in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays;
Max resolution: 4096x2160 (DP)@60Hz; 4096x2160 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz

DP cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Chipset

AMD B300 Chipset

Front ports

Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)

Rear ports

One USB 3.0 and three USB 2.0 (optional external optical box or I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone

I/O box

Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2, via USB port (occupy one specific USB 2.0 of M715q Tiny)

Audio support

High Definition (HD) Audio, Realtek ALC233-CG / internal speaker (1.5 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Realtek RTL8821AE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Realtek RTL8111EPV, Wake on LAN®

Modem

None

Manageability

DASH 1.0/1.1

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: Fullsize USB Keyboard (USB connector), Lenovo logo
Some: Lenovo New Slim USB Keyboard (USB connector), black, Lenovo logo

Mouse

Some: USB Optical Wheel Mouse, black, Lenovo logo

Mechanical

Tiny (1L), black color; metal case
M715 Tiny only:
7.05" W X 7.20" D X 1.36" H
179mm W X 182.9mm D X 34.5mm H
2.9 lb (1.3 kg), weight may vary by configuration
With VESA mount & ODD box:
7.42" W X 7.30" D X 2.48" H
188.4mm W X 185.38mm D X 63mm H
4.12 lb (1.87 kg), weight may vary by configuration
With VESA mount & I/O box:
7.42" W X 7.30" D X 2.62" H
188.4mm W X 185.38mm D X 66.6mm H
3.53 lb (1.6 kg), weight may vary by configuration

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)
90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)

Limited warranty[3]

Some: 1-year or 3-year, depot service / service upgrades available
Some: 1-year or 3-year, limited onsite service / service upgrades available

Preload

Preloaded operating system
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Lenovo Companion
- Lenovo ID
- Lenovo ThinkVantage Tools
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (DVD, DVD±RW)
- PowerDVD Create (DVD±RW)

Preloaded operating system
Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit

Preloaded applications (only some listed)

- Lenovo Solution Center
- ThinkVantage System Update
- Lenovo Display Manager
- Create Recovery Media
- Lenovo ThinkVantage Tools
- Cyberlink PowerDVD (DVD, DVD±RW)
- PowerDVD Create (DVD±RW)
- Microsoft Office preloaded; purchase a product key to activate
- Adobe® Reader®

Environment

ENERGY STAR® 6.1*, EPEAT™ Gold rating* (*for Windows models only); ErP Lot 3; GREENGUARD®; RoHS-compliant

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

See footnotes for more detailed information

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	OS	War-ranty	Ann Date (m/y)
10M30001US	US	AMD PRO A6-9500E	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB (Slim) / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	11/16
10M30002US	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	Serial	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16
10M30003US	US	AMD A10-9700E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	VGA	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16
10M30004US	US	AMD A10-9700E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16
10M30005US	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16
10M30006US	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVNe	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16
10M30007US	US	AMD PRO A6-9500E	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16
10M30008US	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16
10M30009US	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVNe	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16
10M3000AUS	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	4GBx1	128GB SSD M.2 PCIe NVNe	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16
10M3000BUS	US	AMD A10-9700E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16
10M3000CUS	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	4GBx1	128GB SSD M.2 PCIe NVNe	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16
10M3000DUS	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	RTL8821AE ac, 1x1 + BT4.0	HDMI	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16
10M3000NUS	US	AMD PRO A12-8870E	No	AMD R7 Graphics	None	8GBx2	512GB SSD M.2 PCIe NVNe	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M3000PUS	US	AMD PRO A12-9800E	No	AMD R7 Graphics	None	8GBx2	512GB SSD M.2 PCIe NVNe	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/17
10M3000QUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVNe	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M3000RUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M3000SUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	DVD±RW	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M3000TUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/17

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	OS	War-ranty	Ann Date (m/y)
10M3000UUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVNe	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M3000VUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVNe	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M3000WUS	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVNe	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/17
10M3000XUS	US	AMD PRO A12-8870E	No	AMD R7 Graphics	None	8GBx1	256GB SSD M.2 PCIe NVNe	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M3000YUS	US	AMD PRO A10-8770E	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	3rd DP	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/17
10M30010US	US	AMD PRO A10-9700E	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 2.5"	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	01/17
10M30011US	US	AMD PRO A12-8870E	No	AMD R7 Graphics	None	8GBx1	128GB SSD M.2 PCIe NVNe	None	RTL8821AE ac, 1x1 + BT4.0	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	01/17

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ThinkCentre M79 SFF Platform Specifications

Processor AMD A4, A6, A8, or A10 series APUs

APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics
A4-6300B	2	3.9 / 3.7	1MB	DDR3-1600	HD 8370D
A4 PRO-7300B	2	4.0 / 3.8	1MB	DDR3-1600	HD 8470D
PRO A4-8350B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series
A6-6400B	2	4.1 / 3.9	1MB	DDR3-1866	HD 8470D
A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series
PRO A6-8550B	2	4.0 / 3.7	1MB	DDR3-2133	Radeon R5 Series
A8-6500B	4	4.1 / 3.5	4MB	DDR3-1866	HD 8570D
A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series
PRO A8-8650B	4	3.9 / 3.2	4MB	DDR3-2133	Radeon R7 Series
A10 PRO-7800B	4	3.9 / 3.5	4MB	DDR3-2133	Radeon R7 Series
PRO A10-8750B	4	4.0 / 3.6	4MB	DDR3-2133	Radeon R7 Series

Memory 32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets

Disk
Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm
Some: hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 5400 rpm 2.5" wide or 7200 rpm 3.5" wide
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical
Some: DVD-ROM SATA 1.5Gb/s Drive
Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive

Onboard SATA SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support (only applicable on dual SSD models)

Media reader Optional 7-in-1 single slot media card reader

Graphics **AMD Radeon™ Graphics** in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays;
Maximum resolution: 1920x1200 (VGA)@60Hz; 2560x2048 (DisplayPort)@60Hz
Some: **AMD Radeon HD 8570**, DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40W;
Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz
Some: **NVIDIA® Geforce® GT 620**, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts;
Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz
Some: **AMD Radeon™ HD 7450**, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts;
Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz

DP cable Optional DisplayPort to DVI-D monitor cable

Chipset **AMD A78 FCH**

Front ports Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports
Rear audio ports Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)
IEEE 1394 Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear

Audio support High Definition (HD) Audio, Realtek ALC662 / internal speaker (1watt)

WLAN[13]
Some: 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1
Some: 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2
Some: 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2

Bluetooth™ *Some:* Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®
Modem None

Manageability Enhanced Manageability with DASH 1.1
Security chip Trusted Platform Module, TCG 1.2-compliant

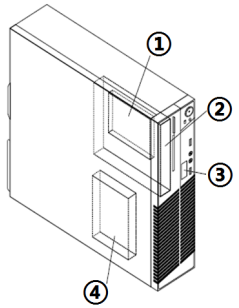
Security features
- Padlock loop (in rear for opt padlock)
- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Administrator password
- Hard disk password
- Boot sequence control
- Cable lock to physically lock both keyboard and mouse (optional)
- Power-on password
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional Chassis intrusion switch

Keyboard
Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo USB Fingerprint Keyboard (USB connector)
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse
Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical
- Business black color; metal case, 11L
- 13.2" W X 15.0" D X 3.9" H
- 335mm W X 382mm D X 101mm H
- 14.6 lb (6.6 kg) in maximum configuration

Bay 1: N/A, N/A, internal, opt SSD
Bay 2: 5.25", 1.6" high, external, std optical
Bay 3: N/A, N/A, external, opt reader
Bay 4: 3.5", 1" high, internal, std disk
*bay only available on models with HDD/SSD/reader installed
Slot 1: Low Profile, PCI Express 3.0 x16 (40w max)
Slot 2: Low Profile, PCIe 2.0 x1
Slot 2: Low Profile, PCIe 2.0 x1
Slot 4: Low Profile, 32-bit PCI 2.3



Floor Stand Optional system floor stand for vertical orientation

Power supply
Some: 180 watts, autosensing, 100-240V (50-60Hz)
Some: 240 watts, autosensing, 100-240V (50-60Hz)
Some: 240 watts, autosensing, 85% PSU, 100-240V (50-60Hz)

Limited warranty[3]
Some: **3-years**, **limited onsite service** / service upgrades available
Some: **3-years**, **limited onsite service, OID** (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload
Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Some: Windows 7 Professional 32
Some: Windows 7 Professional 64

Ready to install applications (only some listed)
- Rescue and Recovery™
- Password Manager

Preloaded applications (only some listed)
- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Communication Utility
- ThinkVantage Device Experience
- Desktop Power Manager
- View Management Utility
- Lenovo Solution Center
- Lenovo Message Center Plus
- Norton™ Internet Security (30 days of virus definitions)
- Adobe® Reader®
- Skype™
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink Power2Go (DVD±RW)
- Cyberlink PowerProducer (DVD±RW)
- Evernote®
- Nitro Pro

Some: Windows 8.1 64-bit
Some: Windows 8.1 Pro 64-bit
Some: Windows 10 Pro 64-bit

Preloaded applications (only some listed)
- Desktop Power Manager
- Lenovo Solution Center
- Lenovo Companion
- Lenovo SHAREit
- Lenovo REACHit
- McAfee® LiveSafe™(30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (DVD±RW, DVD)
- PowerDVD Create (DVD±RW)
- PC Device Stage

Environment ENERGY STAR® 6.0 (Need 85% PSU and Windows OS);
EPEAT™ Gold rating (Need 85% PSU and Windows OS);
GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3

Accessories For compatible accessories, please go to TC-AQP sheet

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	Optical	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10CV0000US	US	A6-6400B	No	AMD HD 8470D	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	USB / USB	None	180W	Win8.1 DG Win7 Pro 64	3-year, Onsite	07/14
10CV0001US	US	AMD A8-6500B	No	AMD HD 8570D	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	USB / USB	None	180W	Win8.1 DG Win7 Pro 64	3-year, Onsite	07/14
10CV0002US	US	A8 PRO-7600B	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	USB / USB	None	240W	Win8.1 DG Win7 Pro 64	3-year, Onsite	07/14
10CV0003US	US	A4-6300B	No	AMD HD 8370D	None	4GBx1	500GB 7200rpm 3.5"	DVD	None	None	None	None	None	USB / USB	None	180W	Win8.1 DG Win7 Pro 64	3-year, Onsite	10/14
10CV000TUS	US	A10 PRO-7800B	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	9-in-1	None	None	None	None	USB / USB	Floor Stand	180W	Win8.1 DG Win7 Pro 64	3-year, Onsite	02/15
10CV000UUS	US	A10 PRO-7800B	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	9-in-1	None	None	None	None	USB / USB	Floor Stand	180W	Win8.1 DG Win7 Pro 64	3-year, Onsite	02/15
10CV000VUS	US	A6 PRO-7400B	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	9-in-1	None	None	None	None	USB / USB	None	180W	Win8.1 DG Win7 Pro 64	3-year, Onsite	02/15
10CV000WUS	US	A8 PRO-7600B	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	2 Rear USB 2.0	None	Cable Lock	USB / USB	Floor Stand	180W	Win8.1 DG Win7 Pro 64	3-year, Onsite	02/15
10CV000XUS	US	A8 PRO-7600B	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	Switch	None	USB / USB	Floor Stand	180W	Win8.1 DG Win7 Pro 64	3-year, Onsite	07/15

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	Optical	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10JB0005US	US	PRO A10-8750B	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	Switch	Cable Lock	USB / USB	None	240W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10JB0006US	US	PRO A4-8350B	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	2nd DP	Switch	Cable Lock	USB / USB	None	240W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10JB0007US	US	PRO A8-8650B	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	2nd DP + 1394	Switch	Cable Lock	USB / USB	None	240W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10JB0008US	US	PRO A6-8550B	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	2nd DP	Switch	Cable Lock	USB / USB	None	240W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10JB0009US	US	A4 PRO-7300B	No	AMD HD 8470D	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	None	240W 85%	Win10 Pro 64	3-year, Onsite	09/15
10JB000AUS	US	A6 PRO-7400B	No	AMD R5 Graphics	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	None	240W 85%	Win10 Pro 64	3-year, Onsite	09/15
10JB000BUS	US	A4 PRO-7300B	No	AMD HD 8470D	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	None	240W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10JB000CUS	US	A6 PRO-7400B	No	AMD R5 Graphics	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	None	240W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10JB000DUS	US	A10 PRO-7800B	No	AMD R7 Graphics	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	None	240W 85%	Win10 Pro 64	3-year, Onsite	09/15
10JB000EUS	US	A10 PRO-7800B	No	AMD R7 Graphics	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	None	240W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10JB000FUS	US	A8 PRO-7600B	No	AMD R7 Graphics	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	None	240W 85%	Win10 Pro 64	3-year, Onsite	09/15
10JB000GUS	US	A8 PRO-7600B	No	AMD R7 Graphics	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	None	240W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10JB000HUS	US	A10 PRO-7800B	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	9-in-1	None	None	None	None	USB / USB	None	240W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10JB000JUS	US	A8 PRO-7600B	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	9-in-1	None	None	None	None	USB / USB	None	240W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10JB000KUS	US	A4 PRO-7300B	No	AMD HD 8470D	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	9-in-1	None	None	None	None	USB / USB	None	240W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10JB000LUS	US	A6 PRO-7400B	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	9-in-1	None	None	None	None	USB / USB	None	240W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15

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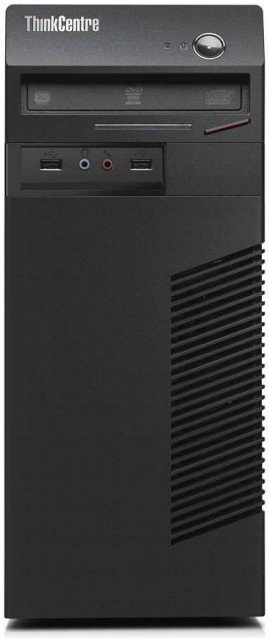

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ThinkCentre M79 Tower Platform Specifications

Processor

AMD A4, A6, A8, or A10 series APUs

APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics
A4-6300B	2	3.9 / 3.7	1MB	DDR3-1600	HD 8370D
A4 PRO-7300B	2	4.0 / 3.8	1MB	DDR3-1600	HD 8470D
PRO A4-8350B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series
A6-6400B	2	4.1 / 3.9	1MB	DDR3-1866	HD 8470D
A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series
PRO A6-8550B	2	4.0 / 3.7	1MB	DDR3-2133	Radeon R5 Series
A8-6500B	4	4.1 / 3.5	4MB	DDR3-1866	HD 8570D
A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series
PRO A8-8650B	4	3.9 / 3.2	4MB	DDR3-2133	Radeon R7 Series
A10 PRO-7800B	4	3.9 / 3.5	4MB	DDR3-2133	Radeon R7 Series
PRO A10-8750B	4	4.0 / 3.6	4MB	DDR3-2133	Radeon R7 Series

Memory

32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets

Disk

Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm
Some: hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 5400 rpm 2.5" wide or 7200 rpm 3.5" wide
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive
Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive

Onboard SATA

SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support

Media reader

Optional 7-in-1 single slot media card reader

Graphics

AMD Radeon™ Graphics in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays;
Maximum resolution: 1920x1200 (VGA)@60Hz; 2560x2048 (DisplayPort)@60Hz
Some: **AMD Radeon HD 8570**, DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40W; *Max resolution:* 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz
Some: **NVIDIA® Geforce® GT 620**, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; *Max resolution:* 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz
Some: **AMD Radeon™ HD 7450**, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; *Max resolution:* 2560x1600 (DisplayPort, DVI-I)@60Hz

DP cable

Optional DisplayPort to DVI-D monitor cable

Chipset

AMD A78 FCH

Front ports

Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)

Rear ports

Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports

Rear audio ports

Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)

IEEE 1394

Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear

Audio support

High Definition (HD) Audio, Realtek ALC662 / internal speaker (1.5watt)

WLAN[13]

Some: 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1
Some: 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2
Some: 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2

Bluetooth™

Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®

Modem

None

Manageability

Enhanced Manageability with DASH 1.1

Security chip

Trusted Platform Module, TCG 1.2-compliant

Security features

- Padlock loop (in rear for opt padlock)
- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Administrator password
- Hard disk password
- Boot sequence control
- Cable lock to physically lock both keyboard and mouse (optional)
- Power-on password
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional *Chassis intrusion switch*

Keyboard

Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo USB Fingerprint Keyboard (USB connector)
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

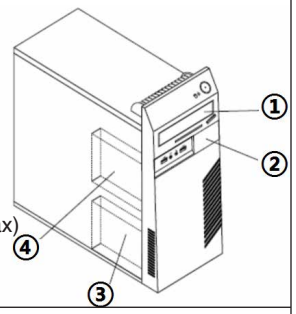
Mouse

Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Business black color; metal case, 20L
- 6.3" W X 16.6" D X 15.3" H (with handle)
- 160mm W X 422mm D X 388mm H
- 20.7 lb (9.4 kg) in maximum configuration

Bay 1: 5.25", 1.6" high, access, std optical
Bay 2: N/A, N/A, access, opt reader
Bay 3: 3.5", 1" high, no access, std disk
Bay 4: 3.5", 1" high, no access, opt disk
*bay only available on models with HDD/SSD/reader installed
Slot 1: half-length, full-height, PCIe 3.0 x16 (60w max)
Slot 2: half-length, full-height, PCIe 2.0 x1
Slot 3: half-length, full-height, PCIe 2.0 x1
Slot 4: half-length, full-height, 32-bit PCI 2.3



Power supply

Some: 180 watts, autosensing, 100-240V (50-60Hz)
Some: 280 watts, autosensing, 100-240V (50-60Hz)
Some: 280 watts, autosensing, 85% PSU, 100-240V (50-60Hz)

Limited warranty[3]

Some: **3-years**, **limited onsite service** / service upgrades available
Some: **3-years**, **limited onsite service, OID** (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Some: Windows 7 Professional 32
Some: Windows 7 Professional 64

Ready to install applications (only some listed)

- Rescue and Recovery™
- Password Manager

Preloaded applications (only some listed)

- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Communication Utility
- ThinkVantage Device Experience
- Desktop Power Manager
- View Management Utility
- Lenovo Solution Center
- Lenovo Message Center Plus
- Norton™ Internet Security (30 days of virus definitions)
- Adobe® Reader®
- Skype™
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink Power2Go (DVD±RW)
- Cyberlink PowerProducer (DVD±RW)
- Evernote®
- Nitro Pro

Some: Windows 8.1 64-bit
Some: Windows 8.1 Pro 64-bit
Some: Windows 10 Pro 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo Companion
- Lenovo SHAREit
- Lenovo REACHit
- McAfee® LiveSafe™(30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (DVD±RW, DVD)
- PowerDVD Create (DVD±RW)
- PC Device Stage

Environment

ENERGY STAR® 6.0 (Need 85% PSU and Windows OS);
EPEAT™ Gold rating (Need 85% PSU and Windows OS);
GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3

Accessories

For compatible accessories, please go to TC-AQP sheet

(ALSK1-TW) September 2015 © Lenovo

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	Optical	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Keyboard / Mouse	Power Supply	Operating System	Warranty	Ann Date (m/y)
10CN0000US	US	A4-6300B	No	AMD HD 8370D	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	USB / USB	180W	Win8.1 DG Win7 Pro 64	3-year, Onsite	07/14
10CN0001US	US	AMD A8-6500B	No	AMD HD 8570D	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	USB / USB	180W	Win8.1 DG Win7 Pro 64	3-year, Onsite	07/14
10CN0002US	US	A8 PRO-7600B	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	USB / USB	280W	Win8.1 DG Win7 Pro 64	3-year, Onsite	07/14
10CN0003US	US	A6-6400B	No	AMD HD 8470D	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	USB / USB	180W	Win8.1 DG Win7 Pro 64	3-year, Onsite	07/14
10CN000VUS	US	A10 PRO-7800B	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	USB / USB	280W	Win8.1 DG Win7 Pro 64	3-year, Onsite	11/14
10CN000WUS	US	A10 PRO-7800B	No	AMD R7 Graphics	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	USB / USB	280W	Win8.1 DG Win7 Pro 64	3-year, Onsite	11/14
10CN000XUS	US	A6 PRO-7400B	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	USB / USB	180W	Win8.1 DG Win7 Pro 64	3-year, Onsite	02/15
10CN000YUS	US	A8 PRO-7600B	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	9-in-1	None	None	None	None	USB / USB	180W	Win8.1 DG Win7 Pro 64	3-year, Onsite	07/15

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	Optical	Media Reader	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Keyboard / Mouse	Power Supply	Operating System	Warranty	Ann Date (m/y)
10J70009US	US	PRO A4-8350B	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	Switch	Cable Lock	USB / USB	280W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10J7000AUS	US	PRO A8-8650B	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	Switch	Cable Lock	USB / USB	280W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10J7000BUS	US	PRO A10-8750B	No	AMD R7 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	Switch	Cable Lock	USB / USB	280W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10J7000CUS	US	PRO A6-8550B	No	AMD R5 Graphics	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	Switch	Cable Lock	USB / USB	280W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10J7000DUS	US	A4 PRO-7300B	No	AMD HD 8470D	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	280W 85%	Win10 Pro 64	3-year, Onsite	09/15
10J7000EUS	US	A8 PRO-7600B	No	AMD R7 Graphics	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	280W 85%	Win10 Pro 64	3-year, Onsite	07/16
10J7000FUS	US	A6 PRO-7400B	No	AMD R5 Graphics	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	280W 85%	Win10 Pro 64	3-year, Onsite	09/15
10J7000GUS	US	A4 PRO-7300B	No	AMD HD 8470D	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	280W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10J7000HUS	US	A10 PRO-7800B	No	AMD R7 Graphics	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	280W 85%	Win10 Pro 64	3-year, Onsite	09/15
10J7000JUS	US	A6 PRO-7400B	No	AMD R5 Graphics	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	280W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10J7000KUS	US	A10 PRO-7800B	No	AMD R7 Graphics	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	Cable Lock	USB / USB	280W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15
10J7000LUS	US	A8 PRO-7600B	No	AMD R7 Graphics	DP to DVI	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	RTL8723BE b/g/n, 1x1 + BT4.0	None	None	None	USB / USB	280W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/15

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ThinkCentre M800 SFF Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510
Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530
Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530
Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530

Memory

64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable

Disk

Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm
Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive
Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive

Onboard SATA

Four onboard SATA 6.0Gb/s connectors, one is eSATA connector for optional rear eSATA port

Media reader

Optional 9-in-1 media reader

Graphics

Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 1920x1200 (VGA)@60Hz
Some: **NVIDIA® Quadro® K420**, DirectX 12, 2GB, PCIe 2.0 x16 adapter, one DVI-I, one DisplayPort, 41 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz; 2560x1600 (DVI-I)@60Hz
Some: **NVIDIA Geforce® GT 720**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, one VGA, one HDMI, 25 watts;
Max resolution: 1920x1080 (HDMI)@60Hz; 2048x1536 (VGA)@85Hz
Some: **NVIDIA Geforce GT 720**, DirectX 12, 1GB, PCIe 2.0 x8 adapter, two DisplayPort, 25 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;

DP cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Chipset

Intel Q150 Chipset

Front ports

Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)

Rear ports

Four USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port
additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models

Rear audio ports

Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)

IEEE 1394

None

Audio support

High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®

Modem

None

Manageability

Intel Standard Manageability

Security chip

Trusted Platform Module, TCG 1.2-compliant

Security features

- One lock to secure both cover and entire system to fixed object:
  - -Padlock loop (in rear for opt padlock)
  - -Security slot (in rear for optional Kensington® MicroSaver® cable)
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

Keyboard

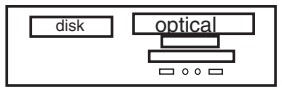
Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo USB Fingerprint Keyboard (USB connector)

Mouse

Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black
Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- SFF (9.7L), black color; metal case
- *(WxDxH)* 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm
- 12.3 lb (5.6 kg)
- Toolless cover, disk, optical removal
- Toolless graphics, PCI adapter retention
- Optional dust filter



Bay 1: N/A, 9.5mm high, external, std optical
Bay 2: 3.5", 1" high, internal, std disk
Bay 3: 2.5", N/A, internal, opt 2nd 2.5" disk (optional bay)
Bay 4: N/A, N/A, external, opt reader
Slot 1: Low Profile, PCI Express 3.0 x16 (45w max)
Slot 2: Low Profile, PCIe 3.0 x1
Slot 3: Low Profile, PCIe 3.0 x16 (x4 elec, 45w max)
Slot 4: Low Profile, optional 32-bit PCI 2.3 (via M.2 to PCI adaptor)

Floor Stand

Optional system floor stand for vertical orientation

Power supply

210 watts, autosensing, 85% PSU

Limited warranty[3]

Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available
Some: **3-year**, **limited onsite service, OID** (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Preloaded operating system

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 64
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools

- Only for Window 10

- Lenovo Companion
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Environment

ENERGY STAR® 6.1*(*Need 85% PSU and Windows OS);
ErP Lot 3; GREENGUARD®; RoHS-compliant; TUV Green Mark

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	Optical	Optional 2nd 2.5" Bay	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	PCI Slot	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10FY0004US	US	i7-6700	No	Intel HD 530	None	8GBx1	192GB SSD	DVD±RW	None	None	None	None	PS/2	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FY0005US	US	i5-6500	No	Intel HD 530	None	4GBx1	192GB SSD	DVD±RW	None	None	None	None	PS/2	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FY0006US	US	i5-6500	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	PS/2	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FY0007US	US	i7-6700	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	PS/2	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FY0008US	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	PS/2	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FY0009US	US	i5-6500	No	Intel HD 530	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	PS/2	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FY000AUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	PS/2	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FY000CUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	11/15
10FY000DUS	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	11/15
10FY000EUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	11/15
10FY000FUS	US	i5-6500	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	11/15
10FY000QUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY0012US	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY0013US	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY0014US	US	i5-6400	No	Intel HD 530	None	8GBx1	180GB SSD Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY0015US	US	i7-6700	No	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY0016US	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY0017US	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY0018US	US	i5-6400	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY0019US	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	12/15

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	Optical	Optional 2nd 2.5" Bay	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	PCI Slot	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10FY001AUS	US	i7-6700	No	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY001BUS	US	i5-6400	No	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY001DUS	US	i5-6400	No	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY001EUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FY001FUS	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FY001GUS	US	i7-6700	No	GT 720 1GB	None	8GBx2	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY001HUS	US	i5-6400	No	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FY001JUS	US	i7-6700	No	GT 720 1GB	None	8GBx2	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FY001KUS	US	i3-6100	No	Intel HD 530	None	4GBx1	128GB SSD	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY001LUS	US	i3-6100	No	Intel HD 530	None	4GBx1	128GB SSD	DVD±RW	Optional 2nd 2.5" Bay	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FY001MUS	US	i3-6100	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY001NUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FY001PUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FY0029US	US	i5-6400	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	10/16
10FY002GUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/16
10FY003BUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10FY003CUS	US	i7-6700	No	GT 720 1GB	None	8GBx2	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10FY003DUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	10/16
10FY003EUS	US	i7-6700	No	GT 720 1GB	None	8GBx2	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	10/16

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ThinkCentre M800 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510
Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530
Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530
Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530

Memory

64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable

Disk

Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm
Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide
Some: Front accessible and removable HDD, 3.5", lockable via physical key

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive
Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive

Onboard SATA

Four onboard SATA 6.0Gb/s connectors, one is eSATA connector for optional rear eSATA port

Media reader

Optional 29-in-1 media reader

Graphics

Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 1920x1200 (VGA)@60Hz
Some: **NVIDIA® Quadro® K420**, DirectX 12, 2GB, PCIe 2.0 x16 adapter, one DVI-I, one DisplayPort, 41 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz; 2560x1600 (DVI-I)@60Hz
Some: **NVIDIA Geforce® GT 720**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, one VGA, one HDMI, 25 watts;
Max resolution: 1920x1080 (HDMI)@60Hz; 2048x1536 (VGA)@85Hz
Some: **NVIDIA Geforce GT 720**, DirectX 12, 1GB, PCIe 2.0 x8 adapter, two DisplayPort, 25 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;

DP cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Chipset

Intel Q150 Chipset

Front ports

Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)

Rear ports

Four USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port
additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models

Rear audio ports

Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)

IEEE 1394

None

Audio support

High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®

Modem

None

Manageability

Intel Standard Manageability

Security chip

Trusted Platform Module, TCG 1.2-compliant

Security features

- One lock to secure both cover and entire system to fixed object:
  - -Padlock loop (in rear for opt padlock)
  - -Security slot (in rear for optional Kensington® MicroSaver® cable)
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

Keyboard

Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo USB Fingerprint Keyboard (USB connector)
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

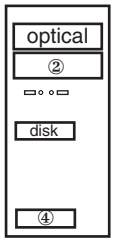
Mouse

Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Tower (25L), black color, metal case
- *(WxDxH)* 6.89" X 16.26" X 15.98"; 175mm X 413mm X 406mm
- 27.56 lb (12.5 kg)
- Toolless cover, disk, optical removal
- Toolless graphics, PCI adapter retention
- Optional dust filter

Bay 1: 5.25", 1.6" high, access, std optical
Bay 2: 5.25", 1.6" high, access, opt media reader / front access HDD
Bay 3: 3.5", 1" high, no access, std disk
Bay 4: 3.5", 1" high, no access, opt disk (optional 2nd 3.5" disk tray)
Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max)
Slot 2: half-length, full-height, PCIe 3.0 x1
Slot 3: half-length, full-height, PCIe 3.0 x16 (x4 elec, 75w max)
Slot 4: half-length, full-height, optional 32-bit PCI 2.3 (via M.2 to PCI adaptor)



Power supply

250 watts, autosensing, 85% PSU

Limited warranty[3]

Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available
Some: **3-year**, **limited onsite service, OID** (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Preloaded operating system

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 64
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools

- Only for Window 10

- Lenovo Companion
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Environment

ENERGY STAR® 6.1*(*Need 85% PSU and Windows OS);
ErP Lot 3; GREENGUARD®; RoHS-compliant; TUV Green Mark

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	Optical	Optional 2nd 3.5" Tray	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Front Access HDD	PCI Slot	Dust Filter	Keyboard / Mouse	Carry Handle	Power Supply	Operating System	Warranty	Ann Date (m/y)
10FW0002US	US	i7-6700	No	Intel HD 530	None	4GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FW0003US	US	i7-6700	No	K420 2GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FW0004US	US	i7-6700	No	Intel HD 530	None	8GBx1	120GB SSD	DVD±RW	None	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FW0005US	US	i5-6500	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FW0006US	US	i7-6700	No	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FW0007US	US	i5-6500	No	Intel HD 530	None	4GBx1	120GB SSD	DVD±RW	None	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FW000WUS	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	11/15
10FW000XUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	11/15
10FW000YUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	11/15
10FW0010US	US	i5-6500	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	11/15
10FW001NUS	US	i7-6700	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FW001PUS	US	i5-6400	No	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FW001QUS	US	i7-6700	No	GT 720 1GB	None	8GBx2	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FW001RUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FW001SUS	US	i5-6400	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FW001TUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FW001UUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FW001VUS	US	i3-6100	No	Intel HD 530	None	4GBx1	128GB SSD	DVD±RW	Optional 2nd 3.5" Tray	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FW001WUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	8260 ac, 2x2 + BT4.1	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FW001XUS	US	i3-6100	No	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage	Optical	Optional 2nd 3.5" Tray	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Front Access HDD	PCI Slot	Dust Filter	Keyboard / Mouse	Carry Handle	Power Supply	Operating System	Warranty	Ann Date (m/y)
10FW001YUS	US	i3-6100	No	Intel HD 530	None	4GBx1	128GB SSD	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FW002TUS	US	i3-6100	No	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	07/16
10FW002UUS	US	i7-6700	No	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	07/16
10FW003DUS	US	i7-6700	No	GT 720 1GB	None	8GBx2	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	10/16
10FW003EUS	US	i7-6700	No	GT 720 1GB	None	8GBx2	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10FW003FUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10FW003GUS	US	i7-6700	No	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	10/16

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ThinkCentre M900 SFF Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No
Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	No
Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No
Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	vPro
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro

Memory

64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable

Disk

Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm
Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide
Some: M.2 SSD, PCIe NVMe, PCIe 3.0 x4, 32Gb/s

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive
Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive

Onboard SATA

Four onboard SATA 6.0Gb/s connectors, one is eSATA connector for optional rear eSATA port, RAID 0, 1 support

Media reader

Optional 9-in-1 media reader

Graphics

Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 1920x1200 (VGA)@60Hz
Some: **NVIDIA® Quadro® K420**, DirectX 12, 2GB, PCIe 2.0 x16 adapter, one DVI-I, one DisplayPort, 41 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz; 2560x1600 (DVI-I)@60Hz
Some: **NVIDIA Geforce® GT 720**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, one VGA, one HDMI, 25 watts;
Max resolution: 1920x1080 (HDMI)@60Hz; 2048x1536 (VGA)@85Hz
Some: **NVIDIA Geforce GT 720**, DirectX 12, 1GB, PCIe 2.0 x8 adapter, two DisplayPort, 25 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;

DP cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Chipset

Intel Q170 Chipset

Front ports

Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)

Rear ports

Six USB 3.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models

Rear audio ports

Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)

IEEE 1394

None

Audio support

High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®

Modem

None

Manageability

Intel Active Management Technology 11.0 (Intel AMT 11.0);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

Trusted Platform Module, TCG 1.2-compliant

Security features

- One lock to secure both cover and entire system to fixed object:
  -Padlock loop (in rear for opt padlock)
  -Security slot (in rear for optional Kensington® MicroSaver® cable)
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

Keyboard

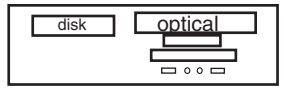
Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo USB Fingerprint Keyboard (USB connector)
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- SFF (9.7L), black color; metal case
- *(WxDxH)* 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm
- 12.3 lb (5.6 kg)
- Toolless cover, disk, optical removal
- Toolless graphics, PCI adapter retention
- Optional dust filter



Bay 1: N/A, 9.5mm high, external, std optical
Bay 2: 3.5", 1" high, internal, std disk
Bay 3: 2.5", N/A, internal, opt 2nd 2.5" disk (optional bay)
Bay 4: N/A, N/A, external, opt reader
Slot 1: Low Profile, PCI Express 3.0 x16 (45w max)
Slot 2: Low Profile, PCIe 3.0 x1
Slot 3: Low Profile, PCIe 3.0 x16 (x4 elec, 45w max)
Slot 4: Low Profile, optional 32-bit PCI 2.3 (via M.2 to PCI adaptor)

Floor Stand

Optional system floor stand for vertical orientation

Power supply

210 watts, autosensing, 85% PSU

Limited warranty[3]

Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available
Some: **3-year**, **limited onsite service, OID** (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Preloaded operating system

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 64
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools
- Intel Unite (vPro models only)

- Only for Window 10
- Lenovo Companion
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7
- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Environment

ENERGY STAR® 6.1*; EPEAT™ Gold rating*; (*Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant; TUV Green Mark, ULE Gold

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Optional 2nd 2.5" Bay	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	PCI Slot	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10FH000KUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite, OID	11/15
10FH000LUS	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	8260 ac, 2x2, vPro + BT4.1	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite, OID	11/15
10FH000MUS	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	8260 ac, 2x2, vPro + BT4.1	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite, OID	11/15
10FH000NUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite, OID	11/15
10FH001YUS	US	i5-6500	vPro	GT 720 1GB	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FH0020US	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FH0021US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	180GB SSD Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FH0022US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FH0023US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	192GB SSD	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FH0024US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	8260 ac, 2x2, vPro + BT4.1	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite, OID	12/15
10FH0025US	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FH0026US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	180GB SSD Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FH0027US	US	i7-6700	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FH0028US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	128GB SSD	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FH0029US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	192GB SSD	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FH002AUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FH002BUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite, OID	12/15
10FH002CUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite, OID	12/15
10FH002DUS	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FH002EUS	US	i5-6500	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Optional 2nd 2.5" Bay	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	PCI Slot	Dust Filter	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10FH002FUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite, OID	12/15
10FH002GUS	US	i5-6500	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FH002HUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite, OID	12/15
10FH002JUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FH002KUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	8260 ac, 2x2, vPro + BT4.1	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite, OID	12/15
10FH002LUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	8260 ac, 2x2, vPro + BT4.1	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite, OID	12/15
10FH003MUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/16
10FH003NUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	03/16
10FH004JUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/16
10FH0054US	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	8260 ac, 2x2, vPro + BT4.1	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	07/16
10FH005JUS	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10FH005KUS	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10FH005LUS	US	i5-6500	vPro	GT 720 1GB	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	10/16
10FH005MUS	US	i5-6500	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10FH005NUS	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	10/16
10FH005PUS	US	i5-6500	vPro	GT 720 1GB	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10FH005QUS	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	8260 ac, 2x2, vPro + BT4.1	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10FH005RUS	US	i5-6500	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	10/16
10FH005SUS	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 2.5" Bay	None	8260 ac, 2x2, vPro + BT4.1	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	10/16
10FH005TUS	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 2.5" Bay	None	None	None	None	None	None	None	None	USB / USB	Floor Stand	210W 85%	Win10 Pro 64	3-year, Onsite	10/16

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ThinkCentre M900 Tiny Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro
Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510	No
Pentium G4500T	2 / 2	3.0 G	3 MB	DDR4-2133	HD 530	No
Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530	No
Core i3-6300T	2 / 4	3.3 G	4 MB	DDR4-2133	HD 530	No
Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530	No
Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530	vPro
Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530	vPro
Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530	vPro

Memory

32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable

Disk

Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm
Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide
Some: M.2 SSD, PCIe or SATA interface

Optical

Some: external ODD box with DVD-ROM, 9.5mm high, via USB
Some: external ODD box with DVD±RW, 9.5mm high, via USB
Some: external ODD box (for TIO) with DVD-ROM, 9.5mm high, via USB
Some: external ODD box (for TIO) with DVD±RW, 9.5mm high, via USB

Onboard SATA

One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar

Media reader

None

Graphics

Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays;
Max resolution: 4096x2304 (DP)@60Hz; 4096x2160 (HDMI)@24Hz; 1920x1200 (VGA)@60Hz

DP cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Chipset

Intel Q170 Chipset

Front ports

Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)

Rear ports

Four USB 3.0 (optional external optical box or external I/O box occupies one or two specific USB 3.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone

I/O box

Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M900 Tiny)

Audio support

High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®

Modem

None

Manageability

Intel Active Management Technology 11.0 (Intel AMT 11.0);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

Trusted Platform Module, TCG 1.2-compliant

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/ mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo USB Fingerprint Keyboard (USB connector)
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

Tiny (1L), black color; metal case
M900 Tiny only:
7.05" W X 7.20" D X 1.36" H
179mm W X 182.9mm D X 34.5mm H
2.9 lb (1.3 kg), weight may vary by configuration
With VESA mount & ODD box:
7.42" W X 7.30" D X 2.48" H
188.4mm W X 185.38mm D X 63mm H
4.12 lb (1.87 kg), weight may vary by configuration
With VESA mount & I/O box:
7.42" W X 7.30" D X 2.62" H
188.4mm W X 185.38mm D X 66.6mm H
3.53 lb (1.6 kg), weight may vary by configuration

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)
90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)

Limited warranty[3]

Some: 1-year or 3-year, depot service / service upgrades available
Some: 1-year or 3-year, limited onsite service / service upgrades available
Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Preloaded operating system

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 64
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools
- Intel Unite (vPro models only)

- Only for Window 10

- Lenovo Companion
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Environment

ENERGY STAR® 6.1*; EPEAT™ Gold rating*; (*Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant; TUV Green Mark, ULE Gold

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock)

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10FM0006US	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	120GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FM0007US	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FM0008US	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	120GB SSD	DVD±RW	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FM0009US	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FM000AUS	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	120GB SSD	DVD±RW	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FM000BUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	120GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FM0014US	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM0017US	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM0018US	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	180GB SSD Opal	DVD±RW	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM0019US	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	8260 ac, 2x2, vPro + BT4.1	Serial	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001AUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	DVD±RW	8260 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001BUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001CUS	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	8260 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001DUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	180GB SSD Opal	DVD±RW	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001EUS	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001FUS	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001GUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001HUS	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	192GB SSD	DVD±RW	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001JUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001KUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	192GB SSD	DVD±RW	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10FM001LUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	192GB SSD	DVD±RW	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001MUS	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	128GB SSD	DVD±RW	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001NUS	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001PUS	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	Serial	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001QUS	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001RUS	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	192GB SSD	None	8260 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001SUS	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	180GB SSD Opal	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001TUS	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001UUS	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001VUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001WUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	192GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001XUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM001YUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	180GB SSD Opal	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM0020US	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM0021US	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FM0022US	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	12/15
10FM0023US	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	12/15
10FM0024US	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	12/15
10FM0025US	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	128GB SSD	DVD±RW	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	12/15
10FM0026US	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	12/15

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10FM0027US	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	12/15
10FM002TUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	None	8260 ac, 2x2, vPro + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	02/16
10FM002UUS	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	8260 ac, 2x2, vPro + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	02/16
10FM002VUS	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	DVD±RW	8260 ac, 2x2, vPro + BT4.1	VGA	Switch	None	1Wx1	None	None	None	None / USB	VESA Mount	None	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	02/16
10FM0030US	US	i5-6600T	vPro	Intel HD 530	None	8GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	03/16
10FM0031US	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	03/16
10FM0032US	US	i5-6600T	vPro	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	03/16
10FM0033US	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	04/16
10FM0034US	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	04/16
10FM0039US	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	500GB 7200rpm 2.5" + 128GB SSD M.2	None	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	05/16
10FM003AUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	128GB SSD + 128GB SSD M.2 PCIe	None	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	05/16
10FM003BUS	US	i7-6700T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	05/16
10FM003LUS	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	Serial	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10FM003YUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	None	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (m/y)
10NE0000US	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10NE0001US	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10NE0002US	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10NE0003US	US	i5-6500T	vPro	Intel HD 530	None	4GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10NE0004US	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10NE0005US	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	None	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10NE000RUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	None	8260 ac, 2x2, vPro + BT4.1	HDMI	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	10/16
10NE000SUS	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	512GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	11/16
10NE000TUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	512GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	11/16
10NE000UUS	US	i5-6500T	vPro	Intel HD 530	None	8GBx1	512GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	11/16
10NE000VUS	US	i7-6700T	vPro	Intel HD 530	None	8GBx1	512GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	65W Adapter 88%	Win10 Pro 64	3-year, Onsite	11/16

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ThinkCentre M900 Mini Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No
Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	No
Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No
Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	vPro
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro

Memory

64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable

Disk

Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm
Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide
Some: M.2 SSD, PCIe NVMe, PCIe 3.0 x4, 32Gb/s
Some: Front accessible and removable HDD, 3.5", lockable via physical key

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive
Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive

Onboard SATA

Four onboard SATA 6.0Gb/s connectors, one is eSATA connector for optional rear eSATA port, RAID 0, 1 support

Media reader

Optional 29-in-1 media reader

Graphics

Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 1920x1200 (VGA)@60Hz
Some: **NVIDIA® Quadro® K420**, DirectX 12, 2GB, PCIe 2.0 x16 adapter, one DVI-I, one DisplayPort, 41 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz; 2560x1600 (DVI-I)@60Hz
Some: **NVIDIA Geforce® GT 720**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, one VGA, one HDMI, 25 watts;
Max resolution: 1920x1080 (HDMI)@60Hz; 2048x1536 (VGA)@85Hz
Some: **NVIDIA Geforce GT 720**, DirectX 12, 1GB, PCIe 2.0 x8 adapter, two DisplayPort, 25 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;

DP cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Chipset

Intel Q170 Chipset

Front ports

Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)

Rear ports

Six USB 3.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port
additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models

Rear audio ports

Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)

IEEE 1394

None

Audio support

High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®

Modem

None

Manageability

Intel Active Management Technology 11.0 (Intel AMT 11.0);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

Trusted Platform Module, TCG 1.2-compliant

Security features

- One lock to secure both cover and entire system to fixed object:
  -Padlock loop (in rear for opt padlock)
  -Security slot (in rear for optional Kensington® MicroSaver® cable)
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

Keyboard

Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo USB Fingerprint Keyboard (USB connector)
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

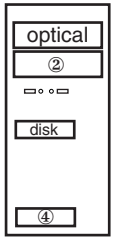
Mouse

Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Mini Tower (25L), black color, metal case
- *(WxDxH)* 6.89" X 16.26" X 15.98"; 175mm X 413mm X 406mm
- 27.56 lb (12.5 kg)
- Toolless cover, disk, optical removal
- Toolless graphics, PCI adapter retention
- Optional carry handle, dust filter

Bay 1: 5.25", 1.6" high, access, std optical
Bay 2: 5.25", 1.6" high, access, opt media reader / front access HDD
Bay 3: 3.5", 1" high, no access, std disk
Bay 4: 3.5", 1" high, no access, opt disk (optional 2nd 3.5" disk tray)
Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max)
Slot 2: half-length, full-height, PCIe 3.0 x1
Slot 3: half-length, full-height, PCIe 3.0 x16 (x4 elec, 75w max)
Slot 4: half-length, full-height, optional 32-bit PCI 2.3 (via M.2 to PCI adaptor)



Power supply

Some: 250 watts, autosensing, 85% PSU
Some: 400 watts, autosensing, 92% PSU (available only via Special Bid)

Limited warranty[3]

Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available
Some: **3-year**, **limited onsite service, OID** (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Preloaded operating system

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 64
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools
- Intel Unite (vPro models only)

- Only for Window 10

- Lenovo Companion
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Environment

ENERGY STAR® 6.1*; EPEAT™ Gold rating*; (*Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant; TUV Green Mark, ULE Gold

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Optional 2nd 3.5" Tray	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Front Access HDD	PCI Slot	Dust Filter	Keyboard / Mouse	Carry Handle	Power Supply	Operating System	War-ranty	Ann Date (m/y)
10FD0007US	US	i7-6700	vPro	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite, OID	11/15
10FD0008US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	None	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite, OID	11/15
10FD001WUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	11/15
10FD001XUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FD001YUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FD0020US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	11/15
10FD0021US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	11/15
10FD0022US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	11/15
10FD0024US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	128GB SSD	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FD0025US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FD0026US	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FD0027US	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FD0028US	US	i7-6700	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FD0029US	US	i5-6500	vPro	GT 720 1GB	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FD002AUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	180GB SSD Opal	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FD002BUS	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FD002CUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FD002DUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	128GB SSD	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FD002EUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	180GB SSD Opal	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FD002FUS	US	i5-6500	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	Optical	Optional 2nd 3.5" Tray	Media Reader	WLAN + Bluetooth	Optional Front Ports	Optional Rear Ports	Chassis Intrusion Switch	Cable Lock	Front Access HDD	PCI Slot	Dust Filter	Keyboard / Mouse	Carry Handle	Power Supply	Operating System	War-ranty	Ann Date (m/y)
10FD002GUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	192GB SSD	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	12/15
10FD002HUS	US	i5-6500	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	12/15
10FD003PUS	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	10/16
10FD003QUS	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10FD003RUS	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	10/16
10FD003SUS	US	i5-6500	vPro	GT 720 1GB	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	10/16
10FD003TUS	US	i7-6700	vPro	GT 720 1GB	None	8GBx1	256GB SSD Opal	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10FD003UUS	US	i5-6500	vPro	GT 720 1GB	None	4GBx1	500GB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16
10FD003VUS	US	i5-6500	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 Pro 64	3-year, Onsite	10/16
10FD003WUS	US	i5-6500	vPro	GT 720 1GB	None	8GBx1	1TB 7200rpm 3.5"	DVD±RW	Optional 2nd 3.5" Tray	None	None	None	None	None	None	None	None	None	USB / USB	Carry Handle	250W 85%	Win10 DG Win7 Pro 64	3-year, Onsite	10/16

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ThinkCentre M900x Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro
Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No
Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	vPro
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro

Memory

32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable

Disk

Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm
Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide
Some: M.2 SSD, PCIe or SATA interface

Optical

Some: external ODD box with DVD-ROM, 9.5mm high, via USB
Some: external ODD box with DVD±RW, 9.5mm high, via USB
Some: external ODD box (for TIO) with DVD-ROM, 9.5mm high, via USB
Some: external ODD box (for TIO) with DVD±RW, 9.5mm high, via USB

Onboard SATA

One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar

Media reader

None

Graphics

Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays;
Max resolution: 4096x2304 (DP)@60Hz; 4096x2160 (HDMI)@24Hz; 1920x1200 (VGA)@60Hz

DP cable

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Chipset

Intel Q170 Chipset

Front ports

Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)

Rear ports

Four USB 3.0 (optional external optical box or external I/O box occupies one or two specific USB 3.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone

I/O box

Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M900x Tiny)

Audio support

High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®

Modem

None

Manageability

Intel Active Management Technology 11.0 (Intel AMT 11.0);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

Trusted Platform Module, TCG 1.2-compliant

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/ mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

Keyboard

Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo USB Fingerprint Keyboard (USB connector)
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

Tiny (1L), black color; metal case
M900x Tiny only:
7.05" W X 7.20" D X 1.36" H
179mm W X 182.9mm D X 34.5mm H
2.9 lb (1.3 kg), weight may vary by configuration
With VESA mount & ODD box:
7.42" W X 7.30" D X 2.48" H
188.4mm W X 185.38mm D X 63mm H
4.12 lb (1.87 kg), weight may vary by configuration
With VESA mount & I/O box:
7.42" W X 7.30" D X 2.62" H
188.4mm W X 185.38mm D X 66.6mm H
3.53 lb (1.6 kg), weight may vary by configuration

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

135 watts AC/DC adapter, autosensing, 88% PSU

Limited warranty[3]

Some: 1-year or 3-year, depot service / service upgrades available
Some: 1-year or 3-year, limited onsite service / service upgrades available
Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Preloaded operating system

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 64
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools
- Intel Unite (vPro models only)

- Only for Window 10

- Lenovo Companion
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Environment

ENERGY STAR® 6.1*; EPEAT™ Gold rating*; (*Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Storage(HDD/SSD)	External Optical / I/O Box	WLAN + Bluetooth	Optional Rear Ports	Chassis Intrusion Switch	Kensington Cable Lock	Speaker	Adapter Cage	Toolless Chassis Screw	Dust Filter	Keyboard / Mouse	VESA Mount	Stand	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
10LX0002US	US	i7-6700	vPro	Intel HD 530	None	8GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10LX0003US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10LX0004US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10LX0005US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10LX0006US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W Adapter 88%	Win10 Pro 64	3-year, Onsite	07/16
10LX0007US	US	i7-6700	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	09/16
10LX0008US	US	i5-6500	vPro	Intel HD 530	None	8GBx1	256GB SSD Opal	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	09/16
10LX0009US	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	VGA	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	09/16
10LX000AUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	None	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	09/16
10LX000BUS	US	i5-6500	vPro	Intel HD 530	None	4GBx1	500GB 7200rpm 2.5"	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	09/16
10LX000CUS	US	i5-6500	vPro	Intel HD 530	None	8GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	09/16
10LX000DUS	US	i7-6700	vPro	Intel HD 530	None	8GBx1	128GB SSD	None	8260 ac, 2x2, vPro + BT4.1	3rd DP	Switch	None	1Wx1	None	None	None	USB / USB	None	Floor Stand	135W Adapter 88%	Win10 DG Win7 Pro 64	3-year, Onsite	09/16

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ThinkCentre Tiny-in-One (TIO) 22

Model	10LKPAR6++ / 10LKPAT6++
Form factor	Tiny-in-One, offers a full All-In-One experience when optional Tiny slots into the back of TIO 22, clean cabling and effortless setup
Compatible Tiny:	M900 Tiny, M700 Tiny, M600 Tiny, M93/p Tiny*, M83 Tiny, M73 Tiny*, or M53 Tiny, Chromebox * Non-TIO models can't be turned on by pressing power button of TIO 22
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	21.5" (546.1mm) diagonal
Max view area (W x H)	18.74" x 10.54" / 476.06mm x 267.79mm
Bezel Width	Top / Side: 2mm, Bottom: 16.3mm
Optimum resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.24795mm
Dot/Pixel per Inch	102.4 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	7ms
Color gamut	72%
Anti-reflective	Anti-glare
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Preset resolutions	640x350 @ 70Hz 640x480 @ 60Hz, 66Hz, 72Hz, 75Hz 720x400 @ 70Hz 800x600 @ 60Hz, 72Hz, 75Hz 1024x768 @ 60Hz, 70Hz, 75Hz 1152x864 @75Hz 1280x800 @ 60Hz 1280x1024 @ 60Hz, 72Hz, 75Hz 1366x768 @ 60Hz 1440x900 @ 60Hz, 75Hz 1600x1200 @ 60Hz, 70Hz, 75Hz 1680x1050 @ 60Hz 1920x1080 @ 60Hz
Presets / user settings	Presets: 25; user settings: 25
On screen display	On screen display with digital user controls (8 languages)
Control features	Mode-switching (TIO mode / standalone monitor mode, switches video / audio / USB input sources) / Back button, Left shift button, Right shift / Brightness button, Selection button / Menu button, Power button
Tiny-in-One Power On	Pressing Alt + P on keyboard or pressing Power button positioned on TIO can turn on both TIO and Tiny (only some Tiny support, see compatible list)
Front ports	Two USB 3.0 or two USB 2.0 (when M73 or M53 installed or USB 2.0 connected via USB upstream port), one headphone / microphone combo jack (3.5mm) * The USB ports are only available when a Tiny is istalled or a PC is connected via USB upstream port
Side ports	Side ports offered by installed Tiny (optional)
Rear ports	One DisplayPort 1.2 port, one USB upstream port, one power connector
3-in-1 Cable	Undetachable 3-in-1 cable (Power connecter, USB 3.0 [supports USB 3.0/ USB 2.0], DisplayPort 1.2), only for connecting to Tiny installed (optional)
Internal Speaker	1.5 watt x1
Security	Security keyhole for attachment of optional cable lock (Kensington® lock compatible), locks optional Tiny with TIO 22 together, more security features offered by Tiny installed (optional)

Mechanical

Dimensions	TIO 22 without stand	TIO 22 with stand
W x D x H (inch)	19.25 x 2.65 x 12.47	19.25 x 9.90 x 14.02 - 18.35
W x D x H (mm)	489.06 x 67.2 x 316.78	489.06 x 251.4 x 356.07 - 466.07

Weight (approximately)	11.27 lb /5.11 kg (with stand)

Mounting features	Wall or desk mounting using the extend arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Adjustable stand	*Tilt:* 35° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°
Power supply	90 watts AC/DC adapter, 88% PSU, universal
Power consumption	15.57 watts typical, 35 watts maximum, <0.5 watts standby / suspend
Limited warranty[3]	**3-years**, Customer Carry-In or Mail-In via Rapid Replacement Service
VESA-compliant[2]	VESA DDC2B/CI, VESA DPMS-compliant
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO 7.0, TCO Edge 2.0, WEEE, RoHS, ENERGY STAR® 7.0 EPEAT™ Gold rating, ULE Gold, TUV, VOC
Windows certifications	Windows 7, Windows 8/8.1, and Windows 10 certified
Ship group	TIO 22 (Monitor), detachable stand, AC/DC power adapter, power cord, user's guide and driver CD, quick start and safety poster
Accessories	For compatible accessories, please go to **http://www.lenovoquickpick.com**

ThinkCentre Tiny-in-One 22 Compatible list			
Model	M900 Tiny, M700 Tiny, M600 Tiny, M83 Tiny, M53 Tiny	M93/p Tiny, M73 Tiny	Chromebox
Turn on TIO and Tiny together via Alt + P on USB KB	All models	All models	Not support
Turn on TIO and Tiny together via TIO Power Button	All models	TIO models	All models

See footnotes for more detailed information

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Model	Region	Color	Display Size	Resolution	Aspect Ratio	Pixel Pitch	Dot / Pixel Per Inch	Brightness	Contrast Ratio	Pixel Response Time	Color Gamut	View Angle (H / V)	Stand	Power Comsuption (Typical / Maximum)	Power Supply	Warranty	Ann Date (mm/yy)
10LKPAR6US	US	Black	21.5"	1920x1080	16:9	0.24795mm	102.4 dpi	250 nits	1000:1	7 ms	72%	178 / 178	Adjustable Stand	15.57W / 35W	90W 88% Adapter	3-year	04/16
10LKPAT6US	US	Black	21.5"	1920x1080	16:9	0.24795mm	102.4 dpi	250 nits	1000:1	7 ms	72%	178 / 178	Adjustable Stand	15.57W / 35W	90W 88% Adapter	3-year	04/16

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ThinkCentre Tiny-in-One (TIO) 23

Model	10DQPAR6US
Form factor	Tiny-in-One, offers a full All-In-One experience when optional Tiny slots into the back of TIO 23, clean cabling and effortless setup
Compatible Tiny:	M93/p Tiny, M83 Tiny, M73 Tiny, or M53 Tiny * Processor, memory, storage, operating system, WLAN, Bluetooth, Keyboard, mouse, etc., depend on the Tiny installed (optional)
Panel	TFT-LCD, twisted nematic (TN), White LED backlight
Viewable image size	23.0" (584.2mm) diagonal
Max view area (W x H)	20.05" x 11.28" / 509.2mm x 286.4mm
Optimum resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	.265mm
Dot/Pixel per Inch	96 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	5ms (typical)
Color gamut	72%
Anti-reflective	Anti-glare
Horizontal frequency	30 to 83kHz
Vertical frequency	50 to 75Hz
Viewing angle at 10:1 CR	170° (+/- 85°) horizontal, 160° (+/- 80°) vertical
Preset resolutions	640x350 @ 70Hz 640x480 @ 60Hz, 66Hz, 72Hz, 75Hz 720x400 @ 70Hz 800x600 @ 60Hz, 72Hz, 75Hz 1024x768 @ 60Hz, 70Hz, 75Hz 1152x864 @75Hz 1280x800 @ 60Hz 1280x1024 @ 60Hz, 72Hz, 75Hz 1366x768 @ 60Hz 1440x900 @ 60Hz, 75Hz 1600x1200 @ 60Hz, 70Hz, 75Hz 1680x1050 @ 60Hz 1920x1080 @ 60Hz
Presets / user settings	Presets: 25; user settings: 25
On screen display	On screen display with digital user controls (8 languages)
Control features	Mode-switching (TIO mode / standalone monitor mode, switches video/ audio/USB input source) / Back button, Left shift button, Right shift / Brightness button, Selection button / Menu button, Power button
Tiny-in-One Power On	Pressing Alt + P on keyboard or pressing Power button positioned on TIO can turn on both TIO and Tiny (only some Tiny support, see compatible list)
USB ports	*Front:* two USB 3.0 (only when M93/p or M83 installed) or two USB 2.0 *Side:* two USB 2.0, one USB 2.0 upstream port (connect to PC), one mini USB 2.0 port for accessories (on top) * The USB ports are only available when a Tiny is istalled or a PC is connected via USB upstream port
Monitor connectors	One DisplayPort port, version 1.2
3-in-1 Cable	Undetachable 3-in-1 cable (Power connecter, USB, DisplayPort), only for connecting to Tiny installed (optional)
Audio port	one headphone / microphone combo jack (stereo, 3.5mm)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock compatible), locks optional Tiny and ODD box with TIO 23 together, more security features offered by Tiny installed (optional)

Mechanical

Dimensions	TIO 23 without stand	TIO 23 with stand
W x D x H (inch)	22.17 x 2.74 x 14.88	22.17 x 9.84 x 16.15 - 20.48
W x D x H (mm)	563 x 69.5 x 378	563 x 250 x 410.14 - 520.14

Weight (approximately)	TIO 23 with stand	TIO 23 with Tiny, stand, and ODD box installed
lb / kg	15.4lb / 7kg	18.9lb / 8.58kg

Mounting features	Wall or desk mounting using the extend arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Adjustable stand	*Tilt:* 35° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°
Power supply	90 watts AC/DC adapter, 88% PSU, universal
Power consumption	22 watts typical, 45 watts maximum, <0.5 watts standby / suspend
Limited warranty[3]	**3-years**, Customer Carry-In Exchange (CCE) via Rapid Replacemen**,** IWS (International Warranty Service[9]) / service upgrades available *For Lenovo service upgrade options, please go to S-TC sheet*
VESA-compliant[2]	VESA DDC2B/CI, VESA DPMS-compliant
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO (TCO Certified Edge 1.1), WEEE, RoHS, ENERGY STAR® 6.0 EPEAT™ Gold rating, ULE, TUV
Windows certifications	Windows 7, Windows 8, and Windows 8.1 certified
Ship group	TIO 23 (Monitor), detachable stand, Information flyer, Reference and driver CD, AC/DC power adapter, power cord, quickly-released screw
Accessories	For compatible accessories, please go to TC-AQP sheet

ThinkCentre Tiny-in-One 23 Compatible list			
Model	M900 Tiny, M700 Tiny, M600 Tiny, M83 Tiny, M53 Tiny	M93/p Tiny, M73 Tiny	Chromebox
Turn on TIO and Tiny together via Alt + P on USB KB	All models	All models	Not support
Turn on TIO and Tiny together via TIO Power Button	All models	TIO models	All models

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Model	Region	Color	Display Size	Resolution	Aspect Ratio	Pixel Pitch	Dot / Pixel Per Inch	Brightness	Contrast Ratio	Pixel Response Time	Color Gamut	View Angle (H / V)	Stand	Power Comsuption (Typical / Maximum)	Power Supply	Warranty	Ann Date (mm/yy)
10DQPAR6US	US	Black	23"	1920x1080	16:9	0.265mm	96 dpi	250 nits	1000:1	5 ms	72%	170 / 160	Adjustable Stand	22W / 45W	90W 88% Adapter	3-year	10/14

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ThinkCentre Tiny-in-One (TIO) 24

Model	10LLPAR6++ / 10LLPAT6++
Form factor	Tiny-in-One, offers a full All-In-One experience when optional Tiny slots into the back of TIO 24, clean cabling and effortless setup
Compatible Tiny:	M900 Tiny, M700 Tiny, M600 Tiny, M93/p Tiny*, M83 Tiny, M73 Tiny*, or M53 Tiny, Chromebox * Non-TIO models can't be turned on by pressing power button of TIO 24
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight
Viewable image size	23.8" (604.7mm) diagonal
Max view area (W x H)	21.06" x 12.32" / 535.0mm x 313.0mm
Bezel Width	Top / Side: 2mm, Bottom: 16.3mm
Optimum resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.2745mm
Dot/Pixel per Inch	92.6 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	7ms
Color gamut	72%
Anti-reflective	Anti-glare
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Preset resolutions	640x350 @ 70Hz 640x480 @ 60Hz, 66Hz, 72Hz, 75Hz 720x400 @ 70Hz 800x600 @ 60Hz, 72Hz, 75Hz 1024x768 @ 60Hz, 70Hz, 75Hz 1152x864 @75Hz 1280x800 @ 60Hz 1280x1024 @ 60Hz, 72Hz, 75Hz 1366x768 @ 60Hz 1440x900 @ 60Hz, 75Hz 1600x1200 @ 60Hz, 70Hz, 75Hz 1680x1050 @ 60Hz 1920x1080 @ 60Hz
Presets / user settings	Presets: 25; user settings: 25
On screen display	On screen display with digital user controls (8 languages)
Control features	Mode-switching (TIO mode / standalone monitor mode, switches video / audio / USB input sources) / Back button, Left shift button, Right shift / Brightness button, Selection button / Menu button, Power button
Tiny-in-One Power On	Pressing Alt + P on keyboard or pressing Power button positioned on TIO can turn on both TIO and Tiny (only some Tiny support, see compatible list)
Front ports	Two USB 3.0 or two USB 2.0 (when M73 or M53 installed or USB 2.0 connected via USB upstream port), one headphone / microphone combo jack (3.5mm) * The USB ports are only available when a Tiny is istalled or a PC is connected via USB upstream port
Side ports	Side ports offered by installed Tiny (optional)
Rear ports	One DisplayPort 1.2 port, one USB upstream port, one power connector
3-in-1 Cable	Undetachable 3-in-1 cable (Power connecter, USB 3.0 [supports USB 3.0/ USB 2.0], DisplayPort 1.2), only for connecting to Tiny installed (optional)
Internal Speaker	1.5 watt x1
Security	Security keyhole for attachment of optional cable lock (Kensington® lock compatible), locks optional Tiny with TIO 24 together, more security features offered by Tiny installed (optional)

Mechanical

Dimensions	TIO 24 without stand	TIO 24 with stand
W x D x H (inch)	21.24 x 2.7 x 13.64	21.24 x 9.90 x 15.16 - 19.46
W x D x H (mm)	539.6 x 68.2 x 346.45	539.6 x 251.4 x 385.08 - 495.08

Weight (approximately)	12.25 lb /5.57 kg (with stand)

Mounting features	Wall or desk mounting using the extend arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Adjustable stand	*Tilt:* 35° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°
Power supply	90 watts AC/DC adapter, 88% PSU, universal
Power consumption	16.7 watts typical, 35 watts maximum, <0.5 watts standby / suspend
Limited warranty[3]	**3-years**, Customer Carry-In or Mail-In via Rapid Replacement Service
VESA-compliant[2]	VESA DDC2B/CI, VESA DPMS-compliant
Ergonomics	ISO 9241-307
Emission standards	FCC Class B
Environmental	TCO 7.0, TCO Edge 2.0, WEEE, RoHS, ENERGY STAR® 7.0 EPEAT™ Gold rating, ULE Gold, TUV, VOC
Windows certifications	Windows 7, Windows 8/8.1, and Windows 10 certified
Ship group	TIO 24 (Monitor), detachable stand, AC/DC power adapter, power cord, user's guide and driver CD, quick start and safety poster
Accessories	For compatible accessories, please go to **http://www.lenovoquickpick.com**

ThinkCentre Tiny-in-One 24 Compatible list			
Model	M900 Tiny, M700 Tiny, M600 Tiny, M83 Tiny, M53 Tiny	M93/p Tiny, M73 Tiny	Chromebox
Turn on TIO and Tiny together via Alt + P on USB KB	All models	All models	Not support
Turn on TIO and Tiny together via TIO Power Button	All models	TIO models	All models

See footnotes for more detailed information

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Model	Region	Color	Display Size	Resolution	Aspect Ratio	Pixel Pitch	Dot / Pixel Per Inch	Brightness	Contrast Ratio	Pixel Response Time	Color Gamut	View Angle (H / V)	Stand	Power Comsuption (Typical / Maximum)	Power Supply	Warranty	Ann Date (mm/yy)
10LLPAR6US	US	Black	23.8"	1920x1080	16:9	0.2745mm	92.6 dpi	250 nits	1000:1	7 ms	72%	178 / 178	Adjustable Stand	16.7W / 35W	90W 88% Adapter	3-year	05/16
10LLPAT6US	US	Black	23.8"	1920x1080	16:9	0.2745mm	92.6 dpi	250 nits	1000:1	7 ms	72%	178 / 178	Adjustable Stand	16.7W / 35W	90W 88% Adapter	3-year	05/16

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ThinkCentre X1 Platform Specifications

Processor

Intel® 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro
Core i3-6100U	2 / 4	2.3 G	3 MB	DDR4-2133	HD 520	No
Core i5-6200U	2 / 4	2.3 G / 2.8 G	3 MB	DDR4-2133	HD 520	No
Core i5-6300U	2 / 4	2.4 G / 3.0 G	3 MB	DDR4-2133	HD 520	vPro
Core i7-6600U	2 / 4	2.6 G / 3.4 G	4 MB	DDR4-2133	HD 520	vPro

Intel Architecture (IA) SoC that integrates Intel processor core, graphics, memory controller, and I/O interfaces into a single system-on-chip solution

Memory

16GB max, DDR4 2133, one 260-pin SO-DIMM socket

Disk

Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm
Some: Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

None

Media reader

Optional 9-in-1 media card reader

Graphics

Intel HD Graphics 520 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™;
Max resolution: 4096x2304 (DP)@60Hz

DP Dongle

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

Display

23.8" (604.5mm) **Full HD 1080p (1920x1080) TFT color**, IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via DisplayPort (DP in / out combo)

Light sensor

None

Multi-touch

None

Camera

2.0-megapixel camera, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off, Skype for Business certified

Controls

Microphone mute, DP in / out switch, and power button

Chipset

Intel System-on-Chip (SoC) platform

Rear ports

Three USB 3.0, ethernet (RJ-45), DisplayPort in/out combo port,

Side ports

Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)

M.2 card slot

One M.2 Card slot (for WLAN)

Audio support

High Definition (HD) Audio, Realtek ALC233 / two internal speakers (5W x 2), Dolby® Audio™ certified, Skype for Business certified

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2

Bluetooth™

Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®

Manageability

Intel Active Management Technology 11.0 (Intel AMT 11.0) on some models; Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

Trusted Platform Module (TPM 1.2-compliant)

Security features

- Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)
- Smart USB protection, allows keyboard/ mouse only, blocks all storage devices
- Power-on, admin, hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

Keyboard

Some: Lenovo Slim USB Keyboard (USB connector), black
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Business black color, Aluminum Alloy
- Toolless back cover and memory removal
- Optional VESA mount kit (100mm)

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand:	22.4 X 1.3 X 14.2 (inch); 570 X 33 X 360 (mm)	8.8 / 4	N/A
With Orchid tilt stand:	22.4 X 9.4 X 17.8 (inch); 570 X 240 X 451 (mm)	11.0 / 5	Tilt: 45° back, -5° forward

Power supply

90 watts adapter, autosensing, 88% PSU

Limited warranty[3]

Some: **1-year** or **3-year**, **limited onsite service**
Some: **3-years**, **limited onsite service, OID** (Onsite International Delivery) /
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Preloaded operating system

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 7 Professional 64
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- Lenovo ThinkVantage Tools

- Only for Window 10

- Lenovo Companion

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Environment

EPEAT™ Gold rating; ENERGY STAR® 6.1; TCO Certified Edge; TUV Green Mark; ULE Gold; ErP Lot 3; GREENGUARD® certified; RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock)

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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ThinkCentre X1 AIO - TopSeller - 10KE

Product Specifications Reference (PSREF)

Model	Region	Processor	vPro	Graphics	Monitor Cable	Memory	Display	Multi-touch	Storage(HDD/SSD)	Media Reader	WLAN + Bluetooth	Camera	Chassis Intrusion Switch	Keyboard / Mouse	Stand	Power Supply	Operating System	Warranty	Global	Ann Date (mm/yy)
10KE0007US	US	i5-6200U	No	Intel HD 520	None	8GBx1	23.8" FHD (1920x1080) IPS Anti-glare	None	256GB SSD	9-in-1	8260 ac, 2x2 + BT4.1	1080p	None	2.4G / 2.4G	Orchid Tilt Stand	90W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	No	01/16
10KE0008US	US	i5-6200U	No	Intel HD 520	None	4GBx1	23.8" FHD (1920x1080) IPS Anti-glare	None	120GB SSD	9-in-1	8260 ac, 2x2 + BT4.1	1080p	None	2.4G / 2.4G	Orchid Tilt Stand	90W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	No	01/16
10KE001CUS	US	i5-6200U	No	Intel HD 520	None	8GBx1	23.8" FHD (1920x1080) IPS Anti-glare	None	256GB SSD	None	8260 ac, 2x2 + BT4.1	1080p	None	USB (Slim) / USB	Orchid Tilt Stand	90W 88% Adapter	Win10 Pro 64	3-year, Onsite	No	08/16
10KE001DUS	US	i5-6200U	No	Intel HD 520	None	4GBx1	23.8" FHD (1920x1080) IPS Anti-glare	None	128GB SSD	None	8260 ac, 2x2 + BT4.1	1080p	None	USB (Slim) / USB	Orchid Tilt Stand	90W 88% Adapter	Win10 Pro 64	3-year, Onsite	No	08/16
10KE001EUS	US	i5-6200U	No	Intel HD 520	None	4GBx1	23.8" FHD (1920x1080) IPS Anti-glare	None	128GB SSD	None	8260 ac, 2x2 + BT4.1	1080p	None	2.4G / 2.4G	Orchid Tilt Stand	90W 88% Adapter	Win10 Pro 64	3-year, Onsite	No	09/16
10KE001FUS	US	i5-6200U	No	Intel HD 520	None	8GBx1	23.8" FHD (1920x1080) IPS Anti-glare	None	256GB SSD	None	8260 ac, 2x2 + BT4.1	1080p	None	2.4G / 2.4G	Orchid Tilt Stand	90W 88% Adapter	Win10 Pro 64	3-year, Onsite	No	09/16
10KE001GUS	US	i5-6200U	No	Intel HD 520	None	4GBx1	23.8" FHD (1920x1080) IPS Anti-glare	None	500GB 7200rpm 2.5"	None	8260 ac, 2x2 + BT4.1	1080p	None	2.4G / 2.4G	Orchid Tilt Stand	90W 88% Adapter	Win10 Pro 64	3-year, Onsite	No	09/16
10KE001HUS	US	i5-6200U	No	Intel HD 520	None	4GBx1	23.8" FHD (1920x1080) IPS Anti-glare	None	500GB 7200rpm 2.5"	None	8260 ac, 2x2 + BT4.1	1080p	None	2.4G / 2.4G	Orchid Tilt Stand	90W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	No	09/16
10KE001JUS	US	i5-6200U	No	Intel HD 520	None	4GBx1	23.8" FHD (1920x1080) IPS Anti-glare	None	128GB SSD	None	8260 ac, 2x2 + BT4.1	1080p	None	2.4G / 2.4G	Orchid Tilt Stand	90W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	No	09/16
10KE001LUS	US	i5-6200U	No	Intel HD 520	None	8GBx1	23.8" FHD (1920x1080) IPS Anti-glare	None	256GB SSD Opal	9-in-1	8260 ac, 2x2 + BT4.1	1080p	None	2.4G / 2.4G	Orchid Tilt Stand	90W 88% Adapter	Win10 DG Win7 Pro 64	3-year, Onsite	No	12/16
10KE001MUS	US	i5-6200U	No	Intel HD 520	None	8GBx1	23.8" FHD (1920x1080) IPS Anti-glare	None	256GB SSD Opal	None	8260 ac, 2x2 + BT4.1	1080p	None	2.4G / 2.4G	Orchid Tilt Stand	90W 88% Adapter	Win10 Pro 64	3-year, Onsite	No	12/16
10KE001NUS	US	i5-6200U	No	Intel HD 520	None	8GBx1	23.8" FHD (1920x1080) IPS Anti-glare	None	256GB SSD Opal	None	8260 ac, 2x2 + BT4.1	1080p	None	USB (Slim) / USB	Orchid Tilt Stand	90W 88% Adapter	Win10 Pro 64	3-year, Onsite	No	12/16

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Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty: For a copy of applicable product warranties, go to http://support.lenovo.com/en_US/product-service/warranty-status/WarrantyPolicies.page . Lenovo makes no representation or warranty regarding third party products or services.

[1] **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.

[2] **Hard drive:** GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.

[3] **Limited onsite service systems** are designed to be repaired during the applicable warranty period primarily with customer-replaceable parts provided by Lenovo. Lenovo will only send a technician onsite to perform a repair if (a) remote telephone diagnosis and/or customer part replacement are unable to resolve the problem, or (b) the part is one of the few designated by Lenovo for onsite replacement. For a list of onsite replaceable parts, contact Lenovo. Support unrelated to a warranty issue may be subject to additional charges. Lenovo onsite repair (LOR), 8 am to 5 pm, Monday through Friday coverage excluding holidays, next business day (NBD) response time.

[4] **CD and DVD list** maximum rates; rates are variable and are often less than the maximum.

[5] **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. License agreements may apply.

[7] **Lenovo Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part will be express shipped to you for quick replacement. Onsite 24x7x2-hour service is not available in all locations. P&L means parts and labor. P/U means pick-up. See lenovo terms and conditions for complete details and restrictions.

[8] **Memory:** For PCs without a separate graphics card, memory supports both system and video. Accessible system memory may be up to 384MB less than the amount stated, depending on video mode.

[9] **International Warranty Service** is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.

[10] **Modem speeds:** Public network download speeds are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.

[11] **For combination drives**, maximum speeds only are given in the following order: CD read, CD write, CD re-write, DVD read.

[12] **The IEEE 802.11n specification (MIMO)** has been finalized and is currently in IEEE 802.11n-2009 release. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, 11b/g/n, or 11a/b/g/n can communicate on any of its supported formats.

[13] **Wireless capability:** Requires compatible wireless-enabled options sold separately.

[14] **Response times may vary.** May exclude some holidays. Telephone support may be subject to additional charges.

[15] **Update Connector** is available at no charge to registered customers during the limited warranty period. Line charges may apply.

[16] **Embedded Security Subsystem** works with optional VPN software.

[18] **Embedded Security Subsystem** may require download of client security software from the Web.

[19] **Asset ID** allows system-specific information to be stored in a chip inside the system; it does not have any radio frequency support.

[20] **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to lenovo.com/pc/support and enter your machine type and model number for more information.

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