ideacentre

Personal Systems Reference
Lenovo IdeaCentre Desktops
2008 - 2013 Withdrawn

Last Update: April 2014 - Version 452

IdeaCentre K330

IdeaCentre B520

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IdeaCentre™ K410 (1168) - withdrawn

Type-model	Slot x bay	Pro-cessor	GHz	Max turbo (GHz)	Memory[8]	SATA disk	USM portable disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Power supply	USB 3.0	Win 7 preload	Avail date (mm/yy)
1168-1CU	5x4	i3-2120	3.30		2+4GB	1TB[2]	Dock only	DVD±RW	Intel HD 2000	None	None	11b/g/n	280W	USB 3.0	Prem 64	08/12
1168-1DU	5x4	i5-2320	3.00	3.30	4GBx2	2TB	Dock only	DVD±RW	Intel HD 2000	None	None	11b/g/n	280W	USB 3.0	Prem 64	08/12

- *Power Control Switch; color-coded three-speed switch to easily choose between turbo, auto, and cool running modes*
- *Tool-free chassis design for easy upgrading and maintenance*
- *Optional Universal Storage Module portable HDD and dock*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

Processor	**Intel® Core™ i3-2120 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache)**, integrated Intel HD Graphics 2000, DDR3 memory controller (up to 1333MHz) **Intel Core i5-2320 Processor (4 cores / 4 threads, 3.00 GHz, 6M Cache)**, Turbo Boost Technology 2.0 (up to 3.30 GHz), integrated Intel HD Graphics 2000, DDR3 memory controller (up to 1333MHz)
Implementation	Processor in LGA1155 socket
Memory	8GB max[8], dual-channel capable, **PC3-12800 1600MHz DDR3**, non-parity, two 240-pin DIMM sockets * System automatically clocks down for processors with 1333MHz memory controller
Graphics	**Intel HD Graphics 2000**, integrated graphics in processor, uses main memory, one VGA connector, one HDMI connector, HDCP-compliant
SATA disk	**1TB** or **2TB**, SATA 6.0Gb/s, 7200 rpm
mSATA SSD	None
USM portable disk	Hard disk dock only, supports SATA Universal Storage Module™ (USM) standard, includes USB 3.0 adapter and USB 3.0 cable
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset
SATA optical	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA cables	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors, and one eSATA (occupied on USM portable HDD models)
Media reader	9-in-1 media reader (MS, MS Pro, SD, SDHC, SDXC, MMC, CF I/CF II, MD)
Chipset	**Intel H61 Express Chipset**
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	Four USB 2.0, two USB 3.0 via optional USB 3.0 card on some moels, ethernet (RJ-45), monitor (VGA, HDMI)
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm),
Audio	High Definition (HD) audio, ALC662 codec
Speaker	None
Wireless	11b/g/n wireless[4], PCIe Half Mini Card, Realtek® RTL8188CE
Ethernet	Gigabit ethernet on planar, Realtek RTL8111F-VB
Modem	None
TV tuner	None
Remote control	None
Keyboard	Full-size keyboard (USB connector), Fn keys, black
Mouse	Optical Wheel Mouse (USB connector), black
Power supply	280 watts, universal, manual switch
Machine	• Metal Gray (metal brush effect) • 6.89" W X 16.10" D X 14.17" H; 175mm W X 409mm D X 360mm H • From 24.6 lb (11.2 kg), weight may vary by configuration • Toolless cover removal • Toolless disk, optical drive removal
Bay	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Bay ⑤ 3.5", 1" high, access, optional USM portable disk
Slot	Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 * Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 ** Slot 3: half-length, full-height, PCI Express x1 Ver 2.0 ** Slot 4: half-length, full-height, PCI Express x1 Ver 2.0 ** * Graphics adapter in slot on some models, some graphics adapters occupy two slots ** TV tuner / USB 3.0 card in slot or slot occupied by graphics adapter on some models

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[5] (only some listed)
- Lenovo® OneKey Recovery
- Driver and Application Installation
- McAfee® AntiVirus Plus (60 days of virus definitions)
- Adobe® Flash® Player
- Power Control Switch
- CyberLink Power2Go (DVD±RW, BD burner)
- Cyberlink PowerDVD (BD burner)
- Microsoft Office 2010 preloaded; purchase product key to activate
- Windows Live Essentials

Limited Warranty[1]
- ➥ **1-year parts and labor**
- ➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm)**
- ➥ **Service upgrade options (in eligible locations):[9]**
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➥ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

IdeaCentre™ K410 (Windows 8) - withdrawn

Part number	Slot x bay	Pro-cessor	GHz	Max turbo (GHz)	Memory[8]	SATA disk	USM portable disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Power supply	USB 3.0	Win8 preload	Avail date (mm/yy)
57308927	5x4	i3-3220	3.30		2+4GB	1TB[2]	Dock only	DVD±RW	Intel HD 2500	None	None	11b/g/n	280W	USB 3.0	Win8 64	11/12
57308565	5x4	i5-3330	3.00	3.20	4GBx2	1TB	Dock only	DVD±RW	Intel HD 2500	None	None	11b/g/n	280W	USB 3.0	Win8 64	11/12
57308564	5x4	i7-3770	3.40	3.90	4GBx2	2TB	Dock only	DVD±RW	GF GT 620	None	None	11b/g/n	280W	USB 3.0	Win8 64	11/12

- *Power Control Switch; color-coded three-speed switch to easily choose between turbo, auto, and cool running modes*
- *Tool-free chassis design for easy upgrading and maintenance*
- *Optional Universal Storage Module portable HDD and dock*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Core™ i3-3220 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache)**, integrated Intel HD Graphics 2500, DDR3 memory controller (up to 1600MHz) **Intel Core i5-3330 Processor (4 cores / 4 threads, 3.00 GHz, 6M Cache)**, Turbo Boost Technology 2.0 (up to 3.20 GHz), integrated Intel HD Graphics 2500, DDR3 memory controller (up to 1600MHz) **Intel Core i7-3770 Processor (4 cores / 8 threads, 3.40 GHz, 8M Cache)**, Turbo Boost Technology 2.0 (up to 3.90 GHz), integrated Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz)
Implementation	Processor in LGA1155 socket
Memory	8GB max[8], dual-channel capable, **PC3-12800 1600MHz DDR3**, non-parity, two 240-pin DIMM sockets * System automatically clocks down for processors with 1333MHz memory controller
Graphics	*Some:* **Intel HD Graphics 2500**, integrated graphics in processor, uses main memory, one VGA connector, one HDMI connector, HDCP-compliant *Some:* **NVIDIA® GeForce® GT 620**, PCI Express® x16, **1GB** memory, DirectX® 11, one VGA connector, one HDMI connector, HDCP-compliant
SATA disk	**1TB** or **2TB**, SATA 6.0Gb/s, 7200 rpm
mSATA SSD	None
USM portable disk	Hard disk dock only, supports SATA Universal Storage Module™ (USM) standard, includes USB 3.0 adapter and USB 3.0 cable
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset
SATA optical	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA cables	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors, and one eSATA (occupied on USM portable HDD models)
Media reader	9-in-1 media reader (MS, MS Pro, SD, SDHC, SDXC, MMC, CF I/CF II, MD)
Chipset	**Intel H61 Express Chipset**
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	Four USB 2.0, two USB 3.0 via optional USB 3.0 card on some moels, ethernet (RJ-45), monitor (VGA, HDMI)
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm),
Audio	High Definition (HD) audio, ALC662 codec
Speaker	None
Wireless	11b/g/n wireless[4], PCIe Half Mini Card, Realtek® RTL8188CE
Ethernet	Gigabit ethernet on planar, Realtek RTL8111F-VB
Modem	None
TV tuner	None
Remote control	None
Keyboard	Full-size keyboard (USB connector), Fn keys, black
Mouse	Optical Wheel Mouse (USB connector), black
Power supply	280 watts, universal, manual switch
Machine	• Metal Gray (metal brush effect) • 6.89" W X 16.10" D X 14.17" H; 175mm W X 409mm D X 360mm H • From 24.6 lb (11.2 kg), weight may vary by configuration • Toolless cover removal • Toolless disk, optical drive removal
Bay	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Bay ⑤ 3.5", 1" high, access, optional USM portable disk
Slot	Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 * Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 ** Slot 3: half-length, full-height, PCI Express x1 Ver 2.0 ** Slot 4: half-length, full-height, PCI Express x1 Ver 2.0 **
	* Graphics adapter in slot on some models, some graphics adapters occupy two slots ** TV tuner / USB 3.0 card in slot or slot occupied by graphics adapter on some models

Preloaded operating system[20]
- Windows® 8 64-bit

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- Lenovo Cloud Storage by SugarSync
- McAfee® Internet Security (30-Day Trial)
- Power Control Switch
- Adobe® Reader®
- Cyberlink PowerDVD (DVD±RW)
- Cyberlink Power2Go (DVD±RW)
- Microsoft Office preloaded; purchase product key to activate
- Intel AppUp®
- AccuWeather
- Evernote
- Kindle
- Lenovo Support
- Lenovo Companion

Limited Warranty[1]

- ➭ **1-year parts and labor**
- ➭ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm)**
- ➭ **Service upgrade options (in eligible locations):[9]**
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➭ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

IdeaCentre™ K430 (3109) - withdrawn

Type-model	Slot x bay	Pro-cessor	GHz	Max turbo (GHz)	Memory[8]	SATA disk	USM portable disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Power supply	Keyboard/ Mouse	Win 7 preload	Avail date (mm/yy)
3109-1MU	5x4	i7-3770	3.40	3.90	4GBx3	2TB[2]	Dock only	DVD±RW	GT 545 1.5G	None	None	11b/g/n	450W	USB	Prem 64	07/12
3109-1NU	5x4	i7-3770	3.40	3.90	4GBx2	2TB	Dock only	DVD±RW	GT 620 1G	None	None	11b/g/n	450W	USB	Prem 64	07/12
3109-2FU	5x4	i5-2320	3.00	3.30	4GBx3	2TB	Dock only	DVD±RW	GT 620 1G	None	None	11b/g/n	280W	USB	Prem 64	07/12
3109-2JU	5x4	i7-3770	3.40	3.90	4GBx2	2TB	Dock only	DVD±RW	GT 620 1G	None	None	11b/g/n	280W	USB	Prem 64	07/12
3109-2HU	5x4	i7-3770	3.40	3.90	4GBx3	2TB	Dock only	DVD±RW	GT 545 1.5G	None	None	11b/g/n	280W	USB	Prem 64	07/12

- *Power Control Switch; color-coded three-speed switch to easily choose between turbo, auto, and cool running modes*
- *Tool-free chassis design for easy upgrading and maintenance*
- *Optional Universal Storage Module portable HDD and dock*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

Processor	**Intel® Core™ i5-2320 Processor (4 cores / 4 threads, 3.00 GHz, 6M Cache)**, Turbo Boost Technology 2.0 (up to 3.30 GHz), integrated Intel HD Graphics 2000, DDR3 memory controller (up to 1333MHz) **Intel Core i7-3770 Processor (4 cores / 8 threads**, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.90 GHz), integrated Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz)
Implementation	Processor in LGA1155 socket
Memory	32GB max[8], dual-channel capable, **PC3-12800 1600MHz DDR3**, non-parity, four 240-pin DIMM sockets * System automatically clocks down for processors with 1333MHz memory controller
Graphics	*Some:* **NVIDIA® GeForce® GT 620**, PCI Express® x16, **1GB** memory, DirectX® 11, one VGA connector, one HDMI connector, HDCP-compliant *Some:* **NVIDIA GeForce GT 545**, PCI Express x16, **1.5GB** memory, DirectX 11, one VGA connector, one DVI-I connector, one HDMI connector, HDCP-compliant
SATA disk	**2TB**, SATA 6.0Gb/s, 7200 rpm
mSATA SSD	None
USM portable disk	Hard disk dock only, supports SATA Universal Storage Module™ (USM) standard, includes USB 3.0 adapter and USB 3.0 cable
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0 support
SATA optical	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA cables	Two SATA cables (each 1-drop to device), two SATA 3.0Gb/s connectors, two SATA 6.0Gb/s connectors, and one eSATA (occupied on USM portable HDD models)
Media reader	9-in-1 media reader (MS, MS Pro, SD, SDHC, SDXC, MMC, CF I/CF II, MD)
Chipset	**Intel Z75 Express Chipset**
Front ports	Two USB 3.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	Four USB 2.0, ethernet (RJ-45), monitor (VGA, HDMI, DVI-I on selected models) * Onboard VGA and HDMI connectors are disabled on discrete models
Rear audio ports	Line-in (3.5mm), line-out [Front out L/R] (3.5mm), microphone-in (3.5mm), Cen/LFE (3.5mm), Surround out L/R (3.5mm), S/PDIF out
Audio	High Definition (HD) audio, ALC892 codec
Speaker	None
Wireless	11b/g/n wireless[4], PCIe Half Mini Card, Realtek® RTL8188CE
Ethernet	Gigabit ethernet on planar, Realtek RTL8111E
Modem	None
TV tuner	None
Remote control	None
Keyboard	Full-size keyboard (USB connector), Fn keys, black
Mouse	Optical Wheel Mouse (USB connector), black
Power supply	*Some:* 280 watts, universal, manual switch *Some:* 450 watts, universal, manual switch
Machine	• Metal Gray (metal brush effect) • 6.89" W X 16.10" D X 14.17" H; 175mm W X 409mm D X 360mm H • From 24.6 lb (11.2 kg), weight may vary by configuration • Toolless cover removal • Toolless disk, optical drive removal
Bay	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Bay ⑤ 3.5", 1" high, access, optional USM portable disk
Slot	Slot 1: half-length, full-height, PCI Express x16 Ver 3.0 * Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 ** Slot 3: half-length, full-height, PCI Express x16 Ver 3.0 * Slot 4: half-length, full-height, PCI Express x1 Ver 2.0 ** * Graphics adapter in slot on some models, some graphics adapters occupy two slots ** TV tuner in slot or slot occupied by graphics adapter on some models

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[5] (only some listed)
- Lenovo® OneKey Recovery
- Driver and Application Installation
- McAfee® AntiVirus Plus (60 days of virus definitions)
- Adobe® Flash® Player
- Power Control Switch
- CyberLink Power2Go (DVD±RW, BD burner)
- Cyberlink PowerDVD (BD burner)
- Microsoft Office 2010 preloaded; purchase product key to activate
- Windows Live Essentials

Limited Warranty[1]

- ➥ **1-year parts and labor**
- ➥ **Customer Replaceable Unit (CRU) parts only** (with limited onsite service for selected parts[3], 8 am - 5 pm)
- ➥ **Service upgrade options** (in eligible locations):[9]
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➥ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

IdeaCentre™ K430 (Windows 8) - withdrawn

Part number	Slot x bay	Pro-cessor	Memory[8]	SATA disk	USM portable disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Power supply	Keyboard/ Mouse	Win8 preload	Avail date (mm/yy)
57308924	5x4	i5-3350P	4GBx3	1TB (RAID 0)	Dock only	DVD±RW	GT 620 1G	None	None	11b/g/n	280W	USB	Win8 64	11/12
57308925	5x4	i7-3770	4GBx3	2TB	Dock only	DVD±RW	GT 640 2G	None	None	11b/g/n	280W	USB	Win8 64	11/12
57311934	5x4	i7-3770	4GBx4	2TB	Dock only	DVD±RW	HD 7750 1G	None	None	11b/g/n	280W	USB	Win8 64	11/12

- *Power Control Switch; color-coded three-speed switch to easily choose between turbo, auto, and cool running modes*
- *Tool-free chassis design for easy upgrading and maintenance*
- *Optional Universal Storage Module portable HDD and dock*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Core™ i5-3350P Processor (4 cores / 4 threads, 3.10 GHz, 6M Cache)**, Turbo Boost Technology 2.0 (up to 3.30 GHz), DDR3 memory controller (up to 1600MHz) **Intel Core i7-3770 Processor (4 cores / 8 threads**, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.90 GHz), integrated Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz)
Implementation	Processor in LGA1155 socket
Memory	32GB max[8], dual-channel capable, **PC3-12800 1600MHz DDR3**, non-parity, four 240-pin DIMM sockets * System automatically clocks down for processors with 1333MHz memory controller
Graphics	*Some:* **NVIDIA® GeForce® GT 620**, PCI Express® x16, **1GB** DDR3, DirectX® 11, one VGA connector, one HDMI connector, HDCP-compliant *Some:* **NVIDIA GeForce GT 640**, PCI Express x16, **2GB** DDR3, DirectX 11, one VGA connector, one HDMI connector, HDCP-compliant *Some:* **AMD Radeon™ HD 7750**, PCI Express x16, **1GB** GDDR5, DirectX 11, one DisplayPort™ connector, one DVI-I connector, one HDMI connector, HDCP
SATA disk	**1TB** (500GB x 2, preset RAID 0) or **2TB** (2TB x 1), SATA 6.0Gb/s, 7200 rpm
mSATA SSD	None
USM portable disk	Hard disk dock only, supports SATA Universal Storage Module™ (USM) standard, includes USB 3.0 adapter and USB 3.0 cable
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0 support
SATA optical	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA cables	Two SATA cables (each 1-drop to device), two SATA 3.0Gb/s connectors, two SATA 6.0Gb/s connectors, and one eSATA (occupied on USM portable HDD models)
Media reader	9-in-1 media reader (MS, MS Pro, SD, SDHC, SDXC, MMC, CF I/CF II, MD)
Chipset	**Intel Z75 Express Chipset**
Front ports	Two USB 3.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	Four USB 2.0, ethernet (RJ-45), monitor* (VGA, HDMI, DVI-I, or DisplayPort, depends on graphics card) * Onboard VGA and HDMI connectors are disabled on discrete models
Rear audio ports	Line-in (3.5mm), line-out [Front out L/R] (3.5mm), microphone-in (3.5mm), Cen/LFE (3.5mm), Surround out L/R (3.5mm), S/PDIF out
Audio	High Definition (HD) audio, ALC892 codec
Speaker	None
Wireless	11b/g/n wireless[4], PCIe Half Mini Card, Realtek® RTL8188CE
Ethernet	Gigabit ethernet on planar, Realtek RTL8111E
Modem	None
TV tuner	None
Remote control	None
Keyboard	Full-size keyboard (USB connector), Fn keys, black
Mouse	Optical Wheel Mouse (USB connector), black
Power supply	280 watts, universal, manual switch
Machine	• Metal Gray (metal brush effect) • 6.89" W X 16.10" D X 14.17" H; 175mm W X 409mm D X 360mm H • From 24.6 lb (11.2 kg), weight may vary by configuration • Toolless cover removal • Toolless disk, optical drive removal
Bay	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Bay ⑤ 3.5", 1" high, access, optional USM portable disk
Slot	Slot 1: half-length,full-height, PCI Express x16 Ver 3.0 * Slot 2: half-length,full-height, PCI Express x1 Ver 2.0 ** Slot 3: half-length,full-height, PCI Express x16 Ver 3.0 * Slot 4: half-length,full-height, PCI Express x1 Ver 2.0 ** * Graphics adapter in slot on some models, some graphics adapters occupy two slots ** TV tuner in slot or slot occupied by graphics adapter on some models

Preloaded operating system[20]
- Windows® 8 64-bit

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- Lenovo Cloud Storage by SugarSync
- McAfee® Internet Security (30-Day Trial)
- Power Control Switch
- Adobe® Reader®
- Nitro PDF
- Cyberlink PowerDVD (DVD±RW)
- Cyberlink Power2Go (DVD±RW)
- Microsoft Office preloaded; purchase product key to activate
- Intel AppUp®
- AccuWeather
- Evernote
- Kindle
- Lenovo Support
- Lenovo Companion

Limited Warranty[1]

➥ **1-year parts and labor**
➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm)**
➥ **Service upgrade options (in eligible locations):[9]**
  • **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  • **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
➥ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US models withdrawn effective March 2014

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Part number	Slot x bay	Pro-cessor	Memory[8]	SATA disk	USM portable disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Power supply	Keyboard/ Mouse	Win8 preload	Avail date (mm/yy)
57312227	5x4	i7-3770	4GBx4	2TB, 7200 rpm	None	BD burner	HD 7570 2G	None	None		625W	2.4G	Win8 64	02/13
☞ 57312225	5x4	i7-3770	4GBx4	2TB, 7200 rpm	500GB	DVD±RW	GT 630 2G	None	None	11b/g/n	625W	2.4G	Win8 64	03/13

- *Power Control Switch; color-coded three-speed switch to easily choose between turbo, auto, and cool running modes*
- *Tool-free chassis design for easy upgrading and maintenance*
- *Optional Universal Storage Module portable HDD and dock*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Core™ i7-3770 Processor** (**4 cores / 8 threads**, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.90 GHz), integrated Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz)
Implementation	Processor in LGA1155 socket
Memory	32GB max[8], dual-channel capable, **PC3-12800 1600MHz DDR3**, non-parity, four 240-pin DIMM sockets * System automatically clocks down for processors with 1333MHz memory controller
Graphics	*Some:* **AMD Radeon™ HD 7570**, PCI Express x16, **2GB** memory, DirectX® 11, occupy two slots, one VGA connector, one HDMI connector, HDCP-compliant *Some:* **NVIDIA GeForce GT 630**, PCI Express x16, **2GB** DDR3, DirectX 11, one VGA connector, one HDMI connector, HDCP-compliant
SATA disk	**2TB** (2TB x 1), SATA 6.0Gb/s, 7200 rpm
mSATA SSD	None
USM portable disk	*Some:* 500GB portable hard disk, supports SATA Universal Storage Module™ (USM) standard, includes USB 3.0 adapter and USB 3.0 cable
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0 support
SATA optical	Blu-ray™ burner, Blu-ray and DVD disk recordable
SATA cables	Two SATA cables (each 1-drop to device), two SATA 3.0Gb/s connectors, two SATA 6.0Gb/s connectors, and one eSATA (occupied on USM portable HDD models)
Media reader	9-in-1 media reader (MS, MS Pro, SD, SDHC, SDXC, MMC, CF I/CF II, MD)
Chipset	**Intel Z75 Express Chipset**
Front ports	Two USB 3.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	Four USB 2.0, ethernet (RJ-45), monitor* (VGA, HDMI, DVI-I, or DisplayPort, depends on graphics card) * Onboard VGA and HDMI connectors are disabled on discrete models
Rear audio ports	Line-in (3.5mm), line-out [Front out L/R] (3.5mm), microphone-in (3.5mm), Cen/LFE (3.5mm), Surround out L/R (3.5mm), S/PDIF out
Audio	High Definition (HD) audio, ALC892 codec
Speaker	None
Wireless	*Some:* 11b/g/n wireless[4], PCIe Half Mini Card, Realtek® RTL8188CE
Ethernet	Gigabit ethernet on planar, Realtek RTL8111E
Modem	None
TV tuner	None
Remote control	None
Keyboard	2.4G wireless full-size keyboard, 6-row, black
Mouse	2.4G wireless mouse, black
Power supply	625 watts, universal, manual switch
Machine	• Metal Gray (metal brush effect) • 6.89" W X 16.10" D X 14.17" H; 175mm W X 409mm D X 360mm H • From 24.6 lb (11.2 kg), weight may vary by configuration • Toolless cover removal • Toolless disk, optical drive removal
Bay	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Bay ⑤ 3.5", 1" high, access, optional USM portable disk
Slot	Slot 1: half-length, full-height, PCI Express x16 Ver 3.0 * Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 ** Slot 3: half-length, full-height, PCI Express x16 Ver 3.0 * Slot 4: half-length, full-height, PCI Express x1 Ver 2.0 ** * Graphics adapter in slot on some models, some graphics adapters occupy two slots ** TV tuner in slot or slot occupied by graphics adapter on some models

Preloaded operating system[20]
- Windows® 8 64-bit

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- Lenovo Cloud Storage by SugarSync
- McAfee® Internet Security (30-Day Trial)
- Power Control Switch
- Adobe® Reader®
- Nitro PDF
- Cyberlink PowerDVD
- Cyberlink Power2Go
- Microsoft Office preloaded; purchase product key to activate
- Intel AppUp®
- AccuWeather
- Evernote
- Kindle
- Lenovo Support
- Lenovo Companion

Type-model	Slot x bay	Pro-cessor	GHz	Max turbo (GHz)	Memory[8]	SATA disk	USM portable disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Power supply	Keyboard/ Mouse	Win 7 preload	Avail date (mm/yy)
3109-2XU	5x4	i3-2120	3.30		2GBx3	1TB[2]	None	DVD±RW	HD 7450 1G	None	None	None	280W	USB	Prem 64	07/12
3109-3AU	5x4	i5-2320	3.00	3.30	4GBx3	1TB	None	DVD±RW	HD 7450 1G	None	None	None	280W	USB	Prem 64	07/12
3109-3CU	5x4	i5-2320	3.00	3.30	4GBx4	2TB	None	BD burner	GT 620 1G	None	None	None	280W	USB	Prem 64	07/12
3109-2SU	5x4	i7-3770	3.40	3.90	4GBx4	2TB	None	BD burner	GT 545 1.5G	None	None	None	280W	USB	Prem 64	07/12
3109-2RU	5x4	i7-3770	3.40	3.90	8GBx3	2TB	None	BD burner	HD 7570 2G	None	None	None	280W	USB	Pro 64	12/12

- *Power Control Switch; color-coded three-speed switch to easily choose between turbo, auto, and cool running modes*
- *Tool-free chassis design for easy upgrading and maintenance*
- *Optional Universal Storage Module portable HDD and dock*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

Processor	**Intel® Core™ i3-2120 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache)**, integrated Intel HD Graphics 2000, DDR3 memory controller (up to 1333MHz) **Intel Core i5-2320 Processor (4 cores / 4 threads, 3.00 GHz, 6M Cache)**, Turbo Boost Technology 2.0 (up to 3.30 GHz), integrated Intel HD Graphics 2000, DDR3 memory controller (up to 1333MHz) **Intel Core i7-3770 Processor (4 cores / 8 threads, 3.40 GHz, 8M Cache)**, Turbo Boost Technology 2.0 (up to 3.90 GHz), integrated Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz)
Implementation	Processor in LGA1155 socket
Memory	32GB max[8], dual-channel capable, **PC3-12800 1600MHz DDR3**, non-parity, four 240-pin DIMM sockets * System automatically clocks down for processors with 1333MHz memory controller
Graphics	*Some:* **NVIDIA® GeForce® GT 620**, PCI Express® x16, **1GB** memory, DirectX® 11, one VGA connector, one HDMI connector, HDCP-compliant *Some:* **NVIDIA GeForce GT 545**, PCI Express x16, **1.5Gb** memory, DirectX 11, one VGA connector, one DVI-I connector, one HDMI connector, HDCP-compliant *Some:* **AMD Radeon™ HD 7450**, PCI Express x16, **1GB** memory, DirectX 11, occupy two slots, one VGA connector, one HDMI connector, HDCP-compliant *Some:* **AMD Radeon™ HD 7570**, PCI Express x16, **2GB** memory, DirectX 11, occupy two slots, one VGA connector, one HDMI connector, HDCP-compliant
SATA disk	**1TB** or **2TB**, SATA 6.0Gb/s, 7200 rpm
mSATA SSD	None
USM portable disk	None
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0 support
SATA optical	*Some:* Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive *Some:* Blu-ray™ burner, Blu-ray and DVD disk recordable
SATA cables	Two SATA cables (each 1-drop to device), two SATA 3.0Gb/s connectors, two SATA 6.0Gb/s connectors, and one eSATA (occupied on USM portable HDD models)
Media reader	9-in-1 media reader (MS, MS Pro, SD, SDHC, SDXC, MMC, CF I/CF II, MD)
Chipset	**Intel Z75 Express Chipset**
Front ports	Two USB 3.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	Four USB 2.0, ethernet (RJ-45), monitor (VGA, HDMI, DVI-I on selected models) * Onboard VGA and HDMI connectors are disabled on discrete models
Rear audio ports	Line-in (3.5mm), line-out [Front out L/R] (3.5mm), microphone-in (3.5mm), Cen/LFE (3.5mm), Surround out L/R (3.5mm), S/PDIF out
Audio	High Definition (HD) audio, ALC892 codec
Speaker	None
Wireless	None
Ethernet	Gigabit ethernet on planar, Realtek RTL8111E
Modem	None
TV tuner	None
Remote control	None
Keyboard	Full-size keyboard (USB connector), Fn keys, black
Mouse	Optical Wheel Mouse (USB connector), black
Power supply	280 watts, universal, manual switch
Machine	- Metal Gray (metal brush effect) - 6.89" W X 16.10" D X 14.17" H; 175mm W X 409mm D X 360mm H - From 24.6 lb (11.2 kg), weight may vary by configuration - Toolless cover removal - Toolless disk, optical drive removal
Bay	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Bay ⑤ 3.5", 1" high, access, optional USM portable disk
Slot	Slot 1: half-length, full-height, PCI Express x16 Ver 3.0 * Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 ** Slot 3: half-length, full-height, PCI Express x16 Ver 3.0 * Slot 4: half-length, full-height, PCI Express x1 Ver 2.0 ** * Graphics adapter in slot on some models, some graphics adapters occupy two slots ** TV tuner in slot or slot occupied by graphics adapter on some models

Preloaded operating system[20]
- *Some:* Genuine Windows® 7 Home Premium 64
- *Some:* Genuine Windows 7 Professional 64

Preloaded applications[5] (only some listed)
- Lenovo® OneKey Recovery
- Driver and Application Installation
- McAfee® AntiVirus Plus (60 days of virus definitions)
- Adobe® Flash® Player
- Power Control Switch
- CyberLink Power2Go (DVD±RW, BD burner)
- Cyberlink PowerDVD (BD burner)
- Microsoft Office 2010 preloaded; purchase product key to activate
- Windows Live Essentials

Limited Warranty[1]

↪ **1-year parts and labor**
↪ **Customer Replaceable Unit (CRU) parts only** (with limited onsite service for selected parts[3], 8 am - 5 pm)
↪ **Service upgrade options (in eligible locations):[9]**
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
↪ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

Lenovo IdeaCentre A520
with optional keyboard and mouse

Lenovo IdeaCentre A520
(Some ports only for selected models)

Lenovo IdeaCentre A520

Lenovo IdeaCentre A520

Lenovo IdeaCentre A520

Lenovo IdeaCentre A520

Part number	Processor	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/ Mouse	Win8 preload	Avail date (mm/yy)
57312891	i3-3130M	4GBx1	23" FHD	*Multi*	Intel HD 4000	1TB	None	DVD±RW	11b/g/n[28]	None	None	120W	2.4G	Win8 64	02/13

- *Ultra slim 23" All-In-One PC with a frameless display*
- *10-point multi-touch technology for greater accuracy*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*
- *Dolby Home Theater v4 audio enhancement with two stereo speakers (3W x 2)*
- *Widely adjustable screen angle (from -5° to 90°) so you can use the touch-screen function in perfect comfort*

Processor	**Intel® Core™ i3-3130M processor (2 cores / 4 threads, 2.60 GHz, 3MB cache)**, DDR3 memory controller (up to 1600MHz), integrated Intel HD Graphics 4000
Memory	8GB max[7] / **PC3-12800 1600MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller
SATA optical SATA disk SATA controller mSATA™ SSD	DVD burner, dual-layer support, not removable, 12.7mm high, tray-in **1TB** (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high Serial ATA, SATA 6.0Gb/s, integrated in chipset None
Widescreen display Multi-touch Camera Controls	**23"** (584.2mm) **Full HD** (1920x1080) **TFT color**, **VibrantView** (glossy), **LED backlight, Frameless design, IPS panel**, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, Viewing angle: 178° (+/- 89°) horizontal, 178° (+/- 89°) vertical Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch HD 720p Camera on top of screen, fixed focus, with digital microphone Touch-sensitive buttons for display on/off, mode switch (PC / HDMI IN / AV IN), Novo Vision, volume up/down, brightness up/down
Graphics	**Intel HD Graphics 4000**, integrated in processor, uses main memory, DirectX® 11
Chipset Multicard reader Ports	**Mobile Intel HM76 Express Chipset** 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC, SDXC) *Rear:* Two USB 2.0 and one USB 3.0, ethernet (RJ-45), TV tuner connector on some model, microphone (3.5 mm), headphone (3.5 mm) *Side:* One USB 3.0, HDMI in, HDMI out
PCIe Mini Card 11b/g/n[28] TV tuner Bluetooth™ Modem Ethernet Audio support Security	Two PCI Express Mini Card slots 11b/g/n wireless[4], Realtek® RTL8188CUS, via internal USB None Bluetooth 4.0 wireless None Gigabit ethernet on planar, Realtek® RTL8111F High Definition (HD) Audio, RealTek ALC272 codec / Dolby® Home Theater® v4 audio enhancement, stereo speakers (3 watt x 2) Power-on password, administrator password
Keyboard Mouse Remote control	2.4G wireless Ultra Slim keyboard, 6-row, silver 2.4G wireless Laser Wheel Mouse, 1200dpi, silver None
Dimensions[3] Weight[2] Chassis Stand Wall mount Security lock	*(WxHxD):* 22.35" x 17.4" x 8.9"; 567.8mm x 441.5mm x 224.8mm *Monitor only (WxHxD):* 22.35" x 13.9" x 0.96"; 567.8mm x 353.0mm x 24.5mm *Base only (WxHxD):* 13.3" x 1.3" x 8.3"; 337mm x 32mm x 210.8mm 21.60 lb (9.8kg), weight may vary by configuration Silver color; metal shell (Aluminium base cover and hinge), plastic back cover Adjustable stand (between -5° and 90°) None Kensington® Security slot on the rear of base

Preloaded operating system[20]
- Windows® 8 64-bit

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- Lenovo Cloud Storage by SugarSync
- Lenovo Eye Distance System
- CyberLink YouCam
- Dolby Home Theater
- McAfee® Internet Security (30-Day Trial)
- Cyberlink Power2Go (DVD±RW, BD player)
- Adobe® Reader®
- Nitro PDF
- Cyberlink PowerDVD® (DVD±RW, BD player)
- Touch Games (Touch models)
- Education Portal
- Microsoft Office preloaded; purchase product key to activate
- Intel AppUp®
- AccuWeather
- eBay
- Evernote
- Amazon Kindle
- Lenovo Support
- Rara Streaming
- Lenovo Companion

120-watt or 150-watt AC adapter
ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[12]
- ↪ **1-year parts and labor**
- ↪ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ↪ **Service upgrade options (in eligible locations):[9]**
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ↪ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

Part number	Processor	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/ Mouse	Win8 preload	Avail date (mm/yy)
57308316	i3-2328M	4GBx1	23" FHD	*Multi*	Intel HD 3000	500GB	None	BD player	11b/g/n[28]	None	None	120W	2.4G	Win8 64	03/13

- *Ultra slim 23" All-In-One PC with a frameless display*
- *10-point multi-touch technology for greater accuracy*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*
- *Dolby Home Theater v4 audio enhancement with two stereo speakers (3W x 2)*
- *Widely adjustable screen angle (from -5° to 90°) so you can use the touch-screen function in perfect comfort*

Processor	**Intel® Core™ i3-2328M processor (2 cores / 4 threads, 2.20 GHz, 3MB cache)**, DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics 3000
Memory	8GB max[7] / **PC3-12800 1600MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller
SATA Blu-ray™	Blu-ray disc reader (no Blu-ray media burning), DVD recordable, not removable, 12.7mm high, tray-in
SATA disk	**500GB** (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset
mSATA™ SSD	None
Widescreen display	**23"** (584.2mm) **Full HD** (1920x1080) **TFT color**, **VibrantView** (glossy), **LED backlight, Frameless design**, **IPS panel**, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, Viewing angle: 178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch
Camera	HD 720p Camera on top of screen, fixed focus, with digital microphone
Controls	Touch-sensitive buttons for display on/off, mode switch (PC / HDMI IN / AV IN), Novo Vision, volume up/down, brightness up/down
Graphics	**Intel HD Graphics 3000**, integrated in processor, uses main memory, DirectX® 10.1
Chipset	**Mobile Intel HM76 Express Chipset**
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC, SDXC)
Ports	*Rear:* Two USB 2.0 and one USB 3.0, ethernet (RJ-45), TV tuner connector on some model, microphone (3.5 mm), headphone (3.5 mm) *Side:* One USB 3.0, HDMI in, HDMI out
PCIe Mini Card 11b/g/n[28]	Two PCI Express Mini Card slots 11b/g/n wireless[4], Realtek® RTL8188CUS, via internal USB
TV tuner	None
Bluetooth™	Bluetooth 4.0 wireless
Modem	None
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111F
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / Dolby® Home Theater® v4 audio enhancement, stereo speakers (3 watt x 2)
Security	Power-on password, administrator password
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, silver
Mouse	2.4G wireless Laser Wheel Mouse, 1200dpi, silver
Remote control	None
Dimensions[3]	*(WxHxD):* 22.35" x 17.4" x 8.9"; 567.8mm x 441.5mm x 224.8mm *Monitor only (WxHxD):* 22.35" x 13.9" x 0.96"; 567.8mm x 353.0mm x 24.5mm *Base only (WxHxD):* 13.3" x 1.3" x 8.3"; 337mm x 32mm x 210.8mm
Weight[2]	21.60 lb (9.8kg), weight may vary by configuration
Chassis	Silver color; metal shell (Aluminium base cover and hinge), plastic back cover
Stand	Adjustable stand (between -5° and 90°)
Wall mount	None
Security lock	Kensington® Security slot on the rear of base

Preloaded operating system[20]
- Windows® 8 64-bit

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- Lenovo Cloud Storage by SugarSync
- Lenovo Eye Distance System
- CyberLink YouCam
- Dolby Home Theater
- McAfee® Internet Security (30-Day Trial)
- Cyberlink Power2Go (DVD±RW, BD player)
- Adobe® Reader®
- Nitro PDF
- Cyberlink PowerDVD® (DVD±RW, BD player)
- Touch Games (Touch models)
- Education Portal
- Microsoft Office preloaded; purchase product key to activate
- Intel AppUp®
- AccuWeather
- eBay
- Evernote
- Amazon Kindle
- Lenovo Support
- Rara Streaming
- Lenovo Companion

120-watt or 150-watt AC adapter
ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[12]

⮑ **1-year parts and labor**
⮑ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
⮑ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
⮑ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

ideacentre

Lenovo IdeaCentre A720
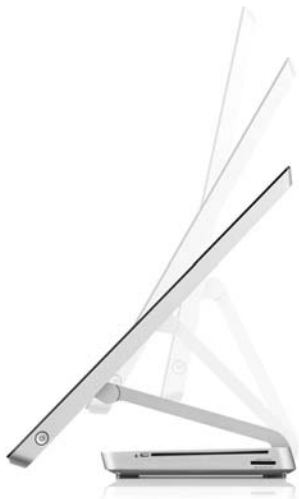

Lenovo IdeaCentre A720

Lenovo IdeaCentre A720
with optional 3-in-1 mouse

Lenovo IdeaCentre A720

Lenovo IdeaCentre A720

Lenovo IdeaCentre A720

Type-model	Processor	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/ Mouse	Win7 preload	Avail date (mm/yy)
2564-3FU	i5-3210M	4+2GB	27" FHD	*Multi*	GT 630M 1GB	500GB	None	BD player	11b/g/n[28]	ATSC	IR remote	150W	2.4G	Prem 64	07/12
2564-2FU	i7-3610QM	4GBx2	27" FHD	*Multi*	GT 630M 1GB	750GB	None	BD player	11b/g/n	ATSC	IR remote	150W	2.4G	Prem 64	07/12

- *Ultra slim 27" All-In-One PC with a frameless display; from just 24.5mm thin**
- *10-point multi-touch technology for greater accuracy*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*
- *Dolby Home Theater v4 audio enhancement with two stereo speakers (3W x 2)*
- *Widely adjustable screen angle (from -5° to 90°) so you can use the touch-screen function in perfect comfort*
- *These system are Microsoft® Office 2010 Product Key Ready (O10PKR)*
- * Measured at thinnest point

Processor	**Intel® Core™ i5-3210M processor (2 cores / 4 threads, 2.50 GHz, 3MB cache)**, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.10GHz), integrated Intel HD Graphics 4000 **Intel Core i7-3610QM processor (4 cores / 8 threads, 2.30 GHz, 6MB cache)**, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.30GHz), integrated Intel HD Graphics 4000
Memory	8GB max[7] / **PC3-12800 1600MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller
SATA Blu-ray™	Blu-ray disc reader (no Blu-ray media burning), DVD recordable, not removable, 12.7mm high, slot-in
SATA disk	**500GB** (5400 rpm) or **750GB** (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset
mSATA™ SSD	None
Widescreen display	**27"** (685.8mm) **Full HD** (1920x1080) **TFT color**, **VibrantView** (glossy), **LED backlight, Frameless design**, **VA** (Vertical Alignment) technology, 300 nits, 16:9 aspect ratio, 5000:1 contrast ratio
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch
Camera	HD 720p Camera on top of screen, supports H.264 encoding, Skype™ certified, fixed focus, with digital microphone
Controls	Touch-sensitive buttons for display on/off, mode switch (PC / HDMI IN / AV IN), Novo Vision, volume up/down, brightness up/down
Graphics	**NVIDIA GeForce® GT 630M**, PCI Express® x16, **1GB** or **2GB** DDR3 memory, DirectX® 11, NVIDIA CUDA™ technology
Chipset	**Mobile Intel HM76 Express Chipset**
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC, SDXC)
Ports	*Rear:* Two USB 2.0 and one USB 3.0, ethernet (RJ-45), TV tuner connector on some model, microphone (3.5 mm), headphone (3.5 mm) *Side:* One USB 3.0, HDMI in, HDMI out
PCIe Mini Card 11b/g/n[28]	Two PCI Express Mini Card slots 11b/g/n wireless[4], Realtek RTL8188CUS, via internal USB
TV tuner	ATSC tuner, supports analog and digital signal, PCIe Mini Card
Bluetooth™	Bluetooth 2.1 wireless + EDR
Modem	None
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111F
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / Dolby® Home Theater® v4 audio enhancement, stereo speakers (3 watt x 2)
Security	Power-on password, administrator password
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, silver
Mouse	2.4G wireless Laser Wheel Mouse, 1200dpi, silver
Remote control	MCE remote control, via IR
Dimensions[3]	*(WxHxD):* 25.9" x 19.3" x 8.9"; 658mm x 490.5mm x 224.8mm *Monitor only (WxHxD):* 25.9" x 15.8" x 0.98"; 658mm x 402mm x 24.9mm *Base only (WxHxD):* 13.3" x 1.3" x 8.3"; 337mm x 32mm x 210.8mm
Weight[2]	25.52 lb (11.6kg), weight may vary by configuration
Chassis	Silver color; metal shell (Aluminium base and hinge), plastic back cover
Stand	Adjustable stand (between -5° and 90°)
Wall mount	None
Security lock	Kensington® Security slot on the rear of base

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- CyberLink YouCam
- Skype
- Dolby Home Theater
- Lenovo Camera Fun Zone
- McAfee® Internet Security (30-Day Trial)
- Cyberlink Power2Go (DVD±RW, BD player)
- Cyberlink PowerDVD® (BD player)
- Lenovo IdeaTouch (Touch models)
  - PowerCinema
  - Lenovo VeriTouch
  - PhotoStudio Paint
  - Lenovo Ebook and Quick Notes
- Touch Games (Touch models)
  - Angry Birds
  - Fruit Ninja
  - Snowflake Games (Air Hockey, Bugs, Card Collect, Piano, and Wong)
- Windows Live Essentials
- Microsoft Office 2010 preloaded; purchase product key to activate

150-watt AC adapter
ENERGY® STAR 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- ➫ **1-year parts and labor**
- ➫ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ➫ **Service upgrade options (in eligible locations):[9]**
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➫ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US models withdrawn effective March 2014

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IdeaCentre™ A720 (Windows 8) - withdrawn

Part number	Processor	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/ Mouse	Win8 preload	Avail date (mm/yy)
57308559	i5-3210M	4+2GB	27" FHD	*Multi*	GT 630M 1GB	750GB	None	BD player	11b/g/n[28]	None	None	150W	2.4G	Win8 64	11/12
57308558	i7-3630QM	4GBx2	27" FHD	*Multi*	GT 630M 1GB	1TB	None	BD player	11b/g/n	None	None	150W	2.4G	Win8 64	11/12
57313504	i5-3230M	4+2GB	27" FHD	*Multi*	GT 630M 1GB	750GB	None	BD player	11b/g/n	None	None	150W	2.4G	Win8 64	02/13

- *Ultra slim 27" All-In-One PC with a frameless display; from just 24.5mm thin**
- *10-point multi-touch technology for greater accuracy*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*
- *Dolby Home Theater v4 audio enhancement with two stereo speakers (3W x 2)*
- *Widely adjustable screen angle (from -5° to 90°) so you can use the touch-screen function in perfect comfort*
- * Measured at thinnest point

Processor	**Intel® Core™ i5-3210M processor (2 cores / 4 threads, 2.50 GHz, 3MB cache)**, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.10GHz), integrated Intel HD Graphics 4000 **Intel Core i5-3230M processor (2 cores / 4 threads, 2.60 GHz, 3MB cache)**, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.20GHz), integrated Intel HD Graphics 4000 **Intel Core i7-3630QM processor (4 cores / 8 threads, 2.40GHz, 6MB cache)**, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.40GHz), integrated Intel HD Graphics 4000
Memory	8GB max[7] / **PC3-12800 1600MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller
SATA Blu-ray™	Blu-ray disc reader (no Blu-ray media burning), DVD recordable, not removable, 12.7mm high, slot-in
SATA disk	**750GB** (5400 rpm) or **1TB** (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset
mSATA™ SSD	None
Widescreen display	**27"** (685.8mm) **Full HD** (1920x1080) **TFT color**, **VibrantView** (glossy), **LED backlight**, **Frameless design**, **VA** (Vertical Alignment) technology, 300 nits, 16:9 aspect ratio, 5000:1 contrast ratio
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch
Camera	HD 720p Camera on top of screen, supports H.264 encoding, Skype™ certified, fixed focus, with digital microphone
Controls	Touch-sensitive buttons for display on/off, mode switch (PC / HDMI IN / AV IN), Novo Vision, volume up/down, brightness up/down
Graphics	**NVIDIA GeForce® GT 630M**, PCI Express® x16, **1GB** or **2GB** DDR3 memory, DirectX® 11, NVIDIA CUDA™ technology
Chipset	**Mobile Intel HM76 Express Chipset**
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC, SDXC)
Ports	*Rear:* Two USB 2.0 and one USB 3.0, ethernet (RJ-45), TV tuner connector on some model, microphone (3.5 mm), headphone (3.5 mm) *Side:* One USB 3.0, HDMI in, HDMI out
PCIe Mini Card 11b/g/n[28]	Two PCI Express Mini Card slots 11b/g/n wireless[4], Realtek® RTL8188CUS, via internal USB
TV tuner	None
Bluetooth™	Bluetooth 4.0 wireless
Modem	None
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111F
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / Dolby® Home Theater® v4 audio enhancement, stereo speakers (3 watt x 2)
Security	Power-on password, administrator password
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, silver
Mouse	2.4G wireless Laser Wheel Mouse, 1200dpi, silver
Remote control	None
Dimensions[3]	*(WxHxD):* 25.9" x 19.3" x 8.9"; 658mm x 490.5mm x 224.8mm *Monitor only (WxHxD):* 25.9" x 15.8" x 0.98"; 658mm x 402mm x 24.9mm *Base only (WxHxD):* 13.3" x 1.3" x 8.3"; 337mm x 32mm x 210.8mm
Weight[2]	25.52 lb (11.6kg), weight may vary by configuration
Chassis	Silver color; metal shell (Aluminium base and hinge), plastic back cover
Stand	Adjustable stand (between -5° and 90°)
Wall mount	None
Security lock	Kensington® Security slot on the rear of base

Preloaded operating system[20]
- Windows® 8 64-bit

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- Lenovo Cloud Storage by SugarSync
- CyberLink YouCam
- Dolby Home Theater
- McAfee® Internet Security (30-Day Trial)
- Cyberlink Power2Go (DVD±RW, BD player)
- Adobe® Reader®
- Nitro PDF
- Cyberlink PowerDVD® (BD player)
- Touch Games (Touch models)
- Education Portal
- Microsoft Office preloaded; purchase product key to activate
- Intel AppUp®
- AccuWeather
- eBay
- Evernote
- Skype
- Amazon Kindle
- Lenovo Support
- Rara Streaming
- Lenovo Companion

150-watt AC adapter
ENERGY® STAR 5.0-compliant
RoHS-compliant

Limited Warranty[12]

➩ **1-year parts and labor**
➩ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
➩ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
➩ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US models withdrawn effective March 2014

IdeaCentre™ A720 (2564) - web only models - withdrawn

Type-model	Processor	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/ Mouse	Win7 preload	Avail date (mm/yy)
2564-5CU	i7-3610QM	4GBx2	27" FHD	*Multi*	GT 630M 2GB	1TB		BD player	11b/g/n[28]			150W	2.4G	Prem 64	06/12
2564-6CU	i7-3610QM	4GBx2	27" FHD	*Multi*	GT 630M 2GB	1TB		BD player	11b/g/n	ATSC	IR remote	150W	2.4G	Prem 64	06/12
2564-7CU	i7-3610QM	4GBx2	27" FHD	*Multi*	GT 630M 2GB	1TB	64GB	BD player	11b/g/n	ATSC	IR remote	150W	2.4G	Prem 64	06/12
2564-3CU	i7-3610QM	4GBx2	27" FHD	*Multi*	GT 630M 1GB	1TB		DVD±RW	11b/g/n			150W	2.4G	Prem 64	07/12

- *Ultra slim 27" All-In-One PC with a frameless display; from just 24.5mm thin**
- *10-point multi-touch technology for greater accuracy*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*
- *Dolby Home Theater v4 audio enhancement with two stereo speakers (3W x 2)*
- *Widely adjustable screen angle (from -5° to 90°) so you can use the touch-screen function in perfect comfort*
- *These system are Microsoft® Office 2010 Product Key Ready (O10PKR)*

* Measured at thinnest point

Processor	**Intel® Core™ i7-3610QM processor (4 cores / 8 threads, 2.30 GHz, 6MB cache)**, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.30GHz), integrated Intel HD Graphics 4000
Memory	8GB max[7] / **PC3-12800 1600MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller
SATA optical	*Some:* DVD burner, dual-layer support, not removable, 12.7mm high, slot-in *Some:* Blu-ray™ disc reader (no Blu-ray media burning), DVD recordable, not removable, 12.7mm high, slot-in
SATA disk	**1TB** (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset
mSATA™ SSD	*Some:* 64GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot
Widescreen display	**27"** (685.8mm) **Full HD** (1920x1080) **TFT color**, **VibrantView** (glossy)**, LED backlight, Frameless design**, **VA** (Vertical Alignment) technology, 300 nits**,** 16:9 aspect ratio, 5000:1 contrast ratio
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch
Camera	HD 720p Camera on top of screen, supports H.264 encoding, Skype™ certified, fixed focus, with digital microphone
Controls	Touch-sensitive buttons for display on/off, mode switch (PC / HDMI IN / AV IN), Novo Vision, volume up/down, brightness up/down
Graphics	**NVIDIA GeForce® GT 630M**, PCI Express® x16, **1GB** or **2GB** DDR3 memory, DirectX® 11, NVIDIA CUDA™ technology
Chipset	**Mobile Intel HM76 Express Chipset**
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC, SDXC)
Ports	*Rear:* Two USB 2.0 and one USB 3.0, ethernet (RJ-45), TV tuner connector on some model, microphone (3.5 mm), headphone (3.5 mm) *Side:* One USB 3.0, HDMI in, HDMI out
PCIe Mini Card	Two PCI Express Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], Realtek® RTL8188CUS, via internal USB
TV tuner	*Some:* ATSC tuner, supports analog and digital signal, PCIe Mini Card
Bluetooth™	Bluetooth 2.1 wireless + EDR
Modem	None
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111F
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / Dolby® Home Theater® v4 audio enhancement, stereo speakers (3 watt x 2)
Security	Power-on password, administrator password
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, silver
Mouse	2.4G wireless Laser Wheel Mouse, 1200dpi, silver
Remote control	*Some:* MCE remote control, via IR
Dimensions[3]	*(WxHxD):* 25.9" x 19.3" x 8.9"; 658mm x 490.5mm x 224.8mm *Monitor only (WxHxD):* 25.9" x 15.8" x 0.98"; 658mm x 402mm x 24.9mm *Base only (WxHxD):* 13.3" x 1.3" x 8.3"; 337mm x 32mm x 210.8mm
Weight[2]	25.52 lb (11.6kg), weight may vary by configuration
Chassis	Silver color; metal shell (Aluminium base and hinge), plastic back cover
Stand	Adjustable stand (between -5° and 90°)
Wall mount	None
Security lock	Kensington® Security slot on the rear of base

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- CyberLink YouCam
- Skype
- Dolby Home Theater
- Lenovo Camera Fun Zone
- McAfee® Internet Security (30-Day Trial)
- Cyberlink Power2Go (DVD±RW, BD player)
- Cyberlink PowerDVD® (BD player)
- Lenovo IdeaTouch (Touch models)
  - PowerCinema
  - Lenovo VeriTouch
  - PhotoStudio Paint
  - Lenovo Ebook and Quick Notes
- Touch Games (Touch models)
  - Angry Birds
  - Fruit Ninja
  - Snowflake Games (Air Hockey, Bugs, Card Collect, Piano, and Wong)
- Windows Live Essentials
- Microsoft Office 2010 preloaded; purchase product key to activate

150-watt AC adapter
ENERGY® STAR 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- ➥ **1-year parts and labor**
- ➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ➥ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➥ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

Part number	Processor	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/ Mouse	Win8 preload	Avail date (mm/yy)
57312175	i7-3630QM	4GBx2	27" FHD	*Multi*	GT 630M 2GB	1TB	None	BD player	11b/g/n	ATSC	Remote	150W	2.4G	Win8 64	06/13

- *Ultra slim 27" All-In-One PC with a frameless display; from just 24.5mm thin**
- *10-point multi-touch technology for greater accuracy*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*
- *Dolby Home Theater v4 audio enhancement with two stereo speakers (3W x 2)*
- *Widely adjustable screen angle (from -5° to 90°) so you can use the touch-screen function in perfect comfort*

* Measured at thinnest point

Processor	**Intel® Core™ i7-3630QM processor (4 cores / 8 threads, 2.40GHz, 6MB cache)**, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.40GHz), integrated Intel HD Graphics 4000
Memory	8GB max[7] / **PC3-12800 1600MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller
SATA Blu-ray™	Blu-ray disc reader (no Blu-ray media burning), DVD recordable, not removable, 12.7mm high, slot-in
SATA disk	**1TB** (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset
mSATA™ SSD	None
Widescreen display	**27"** (685.8mm) **Full HD** (1920x1080) **TFT color**, **VibrantView** (glossy), **LED backlight, Frameless design**, **VA** (Vertical Alignment) technology, 300 nits, 16:9 aspect ratio, 5000:1 contrast ratio
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch
Camera	HD 720p Camera on top of screen, supports H.264 encoding, Skype™ certified, fixed focus, with digital microphone
Controls	Touch-sensitive buttons for display on/off, mode switch (PC / HDMI IN / AV IN), Novo Vision, volume up/down, brightness up/down
Graphics	**NVIDIA GeForce® GT 630M**, PCI Express® x16, **1GB** or **2GB** DDR3 memory, DirectX® 11, NVIDIA CUDA™ technology
Chipset	**Mobile Intel HM76 Express Chipset**
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC, SDXC)
Ports	*Rear:* Two USB 2.0 and one USB 3.0, ethernet (RJ-45), TV tuner connector on some model, microphone (3.5 mm), headphone (3.5 mm) *Side:* One USB 3.0, HDMI in, HDMI out
PCIe Mini Card 11b/g/n[28]	Two PCI Express Mini Card slots 11b/g/n wireless[4], Realtek® RTL8188CUS, via internal USB
TV tuner	ATSC TV tuner, PCIe Mini Card
Bluetooth™	Bluetooth 4.0 wireless
Modem	None
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111F
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / Dolby® Home Theater® v4 audio enhancement, stereo speakers (3 watt x 2)
Security	Power-on password, administrator password
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, silver
Mouse	2.4G wireless Laser Wheel Mouse N70, 1200dpi, silver
Remote control	Remote control, via IR
Dimensions[3]	*(WxHxD):* 25.9" x 19.3" x 8.9"; 658mm x 490.5mm x 224.8mm *Monitor only (WxHxD):* 25.9" x 15.8" x 0.98"; 658mm x 402mm x 24.9mm *Base only (WxHxD):* 13.3" x 1.3" x 8.3"; 337mm x 32mm x 210.8mm
Weight[2]	25.52 lb (11.6kg), weight may vary by configuration
Chassis	Silver color; metal shell (Aluminium base and hinge), plastic back cover
Stand	Adjustable stand (between -5° and 90°)
Wall mount	None
Security lock	Kensington® Security slot on the rear of base

Preloaded operating system[20]
- Windows® 8 64-bit

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- Lenovo Cloud Storage by SugarSync
- CyberLink YouCam
- Dolby Home Theater
- McAfee® Internet Security (30-Day Trial)
- Cyberlink Power2Go (DVD±RW, BD player)
- Adobe® Reader®
- Nitro PDF
- Cyberlink PowerDVD® (BD player)
- Touch Games (Touch models)
- Education Portal
- Microsoft Office preloaded; purchase product key to activate
- Intel AppUp®
- AccuWeather
- eBay
- Evernote
- Skype
- Amazon Kindle
- Lenovo Support
- Rara Streaming
- Lenovo Companion

150-watt AC adapter
ENERGY® STAR 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- ↪ **1-year parts and labor**
- ↪ **Customer Replaceable Unit (CRU) parts only** (with limited onsite service for selected parts[3], **8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ↪ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ↪ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US models withdrawn effective March 2014

Horizon 27 Table PC
(Desktop mode)

Horizon 27 Table PC

Horizon 27 Table PC with unique
Aura UI (Table PC mode)

Horizon 27 Table PC with optional
strikers (Table PC mode)

Horizon 27 Table PC
Adjustable stand (between 15° and 90°)

Optional accessories
(e-dice, striker, and joystick)

Part number	Processor	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	mSATA SSD	PCIe Mini Card 802.11	TV tuner	Remote control	Battery	Keyboard/ Mouse	E-dice / Joystick / Striker	Win8 preload	Avail date (mm/yy)
57315058	i5-3337U	4GBx2	27" FHD	10-point	GT 620M 2GB	1TB	None	11b/g/n[28]	None	None	8-cell	2.4G	x1 / x2 / x2	Win8 64	05/13
57315077	i7-3537U	4GBx2	27" FHD	10-point	GT 620M 2GB	1TB	None	11b/g/n	None	None	8-cell	2.4G	x1 / x4 / x4	Win8 64	05/13

- *27" multi-mode computer that's both a Table PC and a Desktop*
- *Aura – an unique multi-user interface that allows two or more people to access different photos, videos, and music on the same screen*
- *Enjoy greater accuracy and ease of use with the 10-point multi-touch display, optimized for Windows 8*
- *Optional unique Table PC accessories (Joystick, Striker, and E-dice) – a completely new digital gaming experience combining the physical gaming accessory with the on-screen action in games like Air Hockey, Raiding Company, and Tycoon*
- *Optional battery providing up to 2hrs battery life so you can use the device anywhere at home without a power cable*
- *Dolby Home Theater v4 audio enhancement with two stereo speakers (3W x 2)*
- *Widely adjustable screen angle (from 15° to 90°) so you can use the touch-screen function in perfect comfort*

Processor	**Intel® Core™ i5-3337U Processor (2 cores / 4 threads, 1.80GHz, 3MB Cache)**, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost Technology 2.0 (up to 2.70GHz), integrated Intel HD Graphics 4000 **Intel Core i7-3537U processor (2 cores / 4 threads, 2.00GHz, 4MB cache)**, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost Technology 2.0 (up to 3.10GHz), integrated Intel HD Graphics 4000
Memory	8GB max[7] / **PC3-12800 1600MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets
SATA optical	None
SATA disk	**1TB** (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset
mSATA™ SSD	None
Widescreen display	**27.0"** (685.7mm) **Full HD** (1920x1080) **TFT color**, **LED backlight, Frameless design**, **MVA** (Multi-domain Vertical Alignment) technology, 300 nits**, 5000:1 contrast ratio, 16:9 aspect ratio, viewing angle (horizontal / vertical): 178° (+/- 89°)
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch
Camera	HD 720p Camera on top of screen, fixed focus, with dual array digital microphone
Controls	Touch-sensitive buttons for screen rotation (press and hold for 5 seconds to lock/unlock touch buttons), mode switch (PC / HDMI-in / Monitor Off), brightness adjustment, volume up/down
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, **Intel HD Graphics 4000** in processor, and **NVIDIA GeForce GT 620M**, PCI Express® x16, **2GB** DDR3 memory, DirectX® 11, NVIDIA CUDA™ technology
Chipset	**Mobile Intel HM76 Express Chipset**
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC, SDXC)
Ports	*Left side:* Two USB 3.0, multicard reader, microphone (3.5 mm), headphone (3.5 mm), HDMI in
Right side: None
PCIe Mini Card	Three PCI Express Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Half Mini Card, Realtek® RTL8188CE or Atheros® AR9485
TV tuner	None
Bluetooth™	Bluetooth 4.0 wireless
Modem	None
Ethernet	None
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / Dolby® Home Theater® v4 audio enhancement, stereo speakers (3 watt x 2)
Security	Power-on password, administrator password
Keyboard	2.4G Wireless Ultra Slim Keyboard, 6-row, silver
Mouse	2.4G Wireless Laser Wheel Mouse N70, 1200dpi, silver
Remote control	None
Dimensions[3]	*(WxHxD):* 27.19" x 16.95" x 1.17"; 690.5mm x 430.5mm x 29.8mm
Weight[2]	18.21 lb (8.26kg), weight may vary by configuration
Chassis	*Front:* Black color; PC/ABS / Thermoplastic polyurethane (TPU) frame
Rear: Silver color; metal hinge and stand (Aluminium alloy / Tool steel), PC/ABS back cover
Stand	Adjustable stand (between 15° and 90°)
Wall mount	None
Security lock	None
Battery - type	Optional battery on selected models, Lithium Polymer **8-cell**, 98Wh
Battery - life	Up to 2.0 hr
Accessories	*Some:* E-dice(s)*, with USB charger and dongle, simply shake and roll like a real dice
Some: Joystick(s)*, tilt to create directional motion during on-screen actions
Some: Striker(s)*, push across screen to strike during on-screen actions
* Only functional in selected games and applications

Preloaded operating system[20]
- Windows® 8 64-bit

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Lenovo Cloud Storage by SugarSync
- Lenovo Eye Distance System
- Lenovo App Shop
- CyberLink YouCam
- McAfee® Internet Security (30-Day)
- Game Portal
- Education Portal
- Microsoft Office preloaded; purchase product key to activate
- Aura
- Lenovo Tycoon
- Lenovo Texas Hold'em
- Lenovo Roulette
- Lenovo Air Hockey
- Lenovo Fishing Joy
- Lenovo Color Corner
- Lenovo Best Guess
- Angry Birds
- Snowflake
- Ubisoft® Raiding Company
- Ubisoft King of Opera
- Ubisoft Draw Race 2 HD
- Open Labs StageLight
- FilmOn LiveTV
- BlueStacks App Player
- EA™ Monopoly
- Lenovo Support
- Lenovo Companion

120-watt AC adapter
ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[12]

➾ **1-year parts and labor**
➾ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
➾ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
➾ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

Lenovo IdeaCentre B305
with optional bluetooth keyboard and mouse

Lenovo IdeaCentre B305
AV IN and TV IN on some models

Lenovo IdeaCentre B305

Lenovo IdeaCentre B305
with optional PS/2 keyboard and USB mouse

Lenovo IdeaCentre B305

Lenovo IdeaCentre B305

IdeaCentre™ B305 (4031) - Windows 7 - withdrawn

Type-model	Processor	GHz	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	Keyboard/ Mouse	Win7 preload	Avail date
4031-1FU	Athlon II X2 235e	2.70	*4GB*	21.5" FHD	*Multi*	3000	500GB[8]	DVD±RW	11b/g/n[28]			PS2/USB	Prem 64	Jun 10
4031-3BU	Athlon II X2 235e	2.70	*4GB*	21.5" FHD	*Multi*	3000	1TB	DVD±RW	11b/g/n			BT/BT	Prem 64	Aug 10
4031-1GU	Athlon II X3 400e	2.20	*4GB*	21.5" FHD	*Multi*	HD 5450	640GB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Jun 10
4031-1HU	Athlon II X4 600e	2.20	*4GB*	21.5" FHD	*Multi*	HD 5450	1TB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Jun 10
4031-3CU	Athlon II X2 235e	2.70	*4GB*	21.5" FHD	*Multi*	3000	1TB	DVD±RW	11b/g/n			BT/BT	Prem 64	Mar 11

- *All-In-One design with 21.5" Full HD 16:9 widescreen, multi-touch support*
- *(Seleted models) Integrated TV tuner*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*
- *These systems are Microsoft Office 2010 Product Key Ready (O10PKR)*

Processor	**AMD® Athlon™ II X2 Processor 235e** with **dual-core**, 4000MHz HyperTransport™ Bus, AMD Virtualization™ (AMD-V™) technology, AMD64 tech, int DDR3 memory controller, and 2MB L2 cache (1MB per core) or **AMD Athlon II X3 Processor 400e** with **triple-core**, 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 tech, int DDR3 memory controller, and 1.5MB L2 cache (512KB per core) or **AMD Athlon II X4 Processor 600e** with **quad-core**, 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 tech, int DDR3 memory controller, and 2MB L2 cache (512KB per core)
Memory	**4GB** std / 4GB max[7] / **PC3-10600 1333MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
SATA DVD±RW SATA disk	DVD burner, dual-layer support, fixed, not removable, tray-in **500GB**, **640GB**, or **1TB**, SATA 3.0Gb/s, 7200 rpm, 3.5" wide
Widescreen display Camera Controls	**21.5"** (546.1mm) **Full HD** (WUXGA 1920x1080) **TFT color**, **VibrantView** (glossy)**, LED backlight,** 250 nits**,** 16:9 aspect ratio, 1000:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus, with microphone Buttons for brightness up, brightness down, display on/off, and power on/off
Graphics	*Some:* **ATI™ Radeon™ 3000**, integrated graphics in 760G, uses main memory, DirectX® 10; *Some:* **ATI Radeon HD 5450**, PCI Express® x16, 512MB memory, DirectX 11, ATI Avivo™ HD
Chipset Multicard reader Ports	**AMD 760G Chipset** with HyperTransport 3.0 and PCI Express 2.0 support; SB710 south bridge 5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC) *Rear:* Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), TV tuner connector on some models, IEEE 1394 FireWire 400 (4-pin connector) *Side:* Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)
PCIe Mini Card 11b/g/n[28] TV tuner Bluetooth™ Modem Ethernet Audio support Security	Two PCI Express Mini Card slots 11b/g/n wireless[4], PCIe Mini Card, Broadcom® chip or Atheros chip *Some:* Hybrid tuner, support analog and digital signal, PCIe Mini Card Bluetooth 2.1 wireless + EDR None 10/100 ethernet on planar, RealTek® RTL8103EL High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (3 watt x 2) Power-on password, administrator password
Keyboard Mouse Remote control	*Some:* Bluetooth full-size keyboard, 6-row, 104-key, black *Some:* Full-size keyboard (PS/2 connector), Fn keys, black *Some:* Bluetooth Optical Wheel Mouse, black *Some:* Optical Wheel Mouse (USB connector), black *Some:* MCE remote control, via IR
Dimensions[3] Weight[2] Chassis Stand	*(WxHxD):* 20.7" x 16.0" x 4.37"; 526mm x 407mm x 111mm *Touch models:* 24.7 lb (11.2kg) Black color; ABS plastic Adjustable stand (between 15° and 40°)

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- CyberLink YouCam
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Lenovo Dynamic Brightness System
- Lenovo Eye Distance System
- Cyberlink Power2Go (DVD±RW)
- Lenovo IdeaTouch (Touch models)
  - PowerCinema
  - Lenovo VeriTouch
  - AutoCollage Touch
- Windows Live Essential
- Microsoft® Office 2010 preloaded; purchase product key to activate

Integrated models: 120-watt AC adapter
Discrete models: 130-watt AC adapter
ENERGY® STAR 5.0-compliant
RoHS-compliant

Limited Warranty[12]

⇨ **1-year parts and labor**
⇨ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
⇨ **Service upgrade options (in eligible locations):**[9]
- **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
- **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
⇨ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US models withdrawn effective March 2014

IdeaCentre™ B305 (4031) - Windows 7 (web only models) - withdrawn

Type-model	Processor	GHz	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	Keyboard/ Mouse	Win7 preload	Avail date
4031-1RU	Athlon II X2 235e	2.70	2GB	21.5" FHD	*Multi*	HD 5450	320GB[8]	DVD±RW	11b/g/n[28]			PS2/USB	Prem 64	Jun 10
4031-1QU	Athlon II X3 400e	2.20	*4GB*	21.5" FHD	*Multi*	HD 5450	500GB	DVD±RW	11b/g/n	TV	IR remote	PS2/USB	Prem 64	Jun 10
4031-1PU	Athlon II X4 600e	2.20	*4GB*	21.5" FHD	*Multi*	HD 5450	640GB	DVD±RW	11b/g/n	TV	IR remote	PS2/USB	Prem 64	Jun 10

- *All-In-One design with 21.5" Full HD 16:9 widescreen, multi-touch support*
- *(Seleted models) Integrated TV tuner*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	**AMD® Athlon™ II X2 Processor 235e** with **dual-core**, 4000MHz HyperTransport™ Bus, AMD Virtualization™ (AMD-V™) technology, AMD64 tech, int DDR3 memory controller, and 2MB L2 cache (1MB per core) or **AMD Athlon II X3 Processor 400e** with **triple-core**, 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 tech, int DDR3 memory controller, and 1.5MB L2 cache (512KB per core) or **AMD Athlon II X4 Processor 600e** with **quad-core**, 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 tech, int DDR3 memory controller, and 2MB L2 cache (512KB per core)
Memory	**2GB** or **4GB** std / 4GB max[7] / **PC3-10600 1333MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available; *Non-italics:* standard memory in one socket; one socket available
SATA DVD±RW SATA disk	DVD burner, dual-layer support, fixed, not removable, tray-in **320GB**, **500GB**, or **640GB**, SATA 3.0Gb/s, 7200 rpm, 3.5" wide
Widescreen display Camera Controls	**21.5"** (546.1mm) **Full HD** (WUXGA 1920x1080) **TFT color**, **VibrantView** (glossy)**, LED backlight,** 250 nits**,** 16:9 aspect ratio, 1000:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus, with microphone Buttons for brightness up, brightness down, display on/off, and power on/off
Graphics	**ATI™ Radeon® HD 5450**, PCI Express® x16, 512MB memory, DirectX® 11, ATI Avivo™ HD
Chipset	**AMD 760G Chipset** with HyperTransport 3.0 and PCI Express 2.0 support; SB710 south bridge
Multicard reader Ports	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC) *Rear:* Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), TV tuner connector on some models, IEEE 1394 FireWire 400 (4-pin connector) *Side:* Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)
PCIe Mini Card 11b/g/n[28] TV tuner Bluetooth™ Modem Ethernet Audio support Security	Two PCI Express Mini Card slots 11b/g/n wireless[4], PCIe Mini Card, Broadcom® chip or Atheros chip *Some:* Hybrid tuner, support analog and digital signal, PCIe Mini Card None None 10/100 ethernet on planar, RealTek® RTL8103EL High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (3 watt x 2) Power-on password, administrator password
Keyboard Mouse Remote control	Full-size keyboard (PS/2 connector), Fn keys, black Optical Wheel Mouse (USB connector), black *Some:* MCE remote control, via IR
Dimensions[3] Weight[2] Chassis Stand	*(WxHxD):* 20.7" x 16.0" x 4.37"; 526mm x 407mm x 111mm *Touch models:* 24.7 lb (11.2kg) Black color; ABS plastic Adjustable stand (between 15° and 40°)

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- CyberLink YouCam
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Lenovo Dynamic Brightness System
- Lenovo Eye Distance System
- Cyberlink Power2Go (DVD±RW)
- Lenovo IdeaTouch (Touch models)
  – PowerCinema
  – Lenovo VeriTouch
  – AutoCollage Touch
- Windows Live Essential
- Microsoft® Office 2007 Trial (60-day)

Discrete models: 130-watt AC adapter ENERGY® STAR 5.0-compliant RoHS-compliant

Limited Warranty[12]
- ☞ **1-year parts and labor**
- ☞ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ☞ **Service upgrade options (in eligible locations):[9]**
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ☞ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US models withdrawn effective March 2014

Lenovo IdeaCentre B320
with optional Bluetooth keyboard and mouse

Lenovo IdeaCentre B320
(TV IN, and TV tuner connector
on some models)

Lenovo IdeaCentre B320

Lenovo IdeaCentre B320
with optional Bluetooth keyboard and mouse
(Hardware TV buttons on some models)

Lenovo IdeaCentre B320
(Hardware TV buttons on some models)

Lenovo IdeaCentre B320

IdeaCentre™ B320 (7760) - Multi-touch - withdrawn

Type-model	Proc-essor	Memory	Widescreen display	Multi-Touch screen	Camera (mega-pixel)	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	OneKey TV	Remote control	Blue-tooth	Keyboard/ Mouse	USB3.0	Win7 preload
7760-1CU	G620	2GBx2	21.5" FHD	*Multi*	0.3M	Intel HD	500GB[8]	DVD±RW	11b/g/n[28]			BT	BT/BT	None	Prem 64
7760-2QU	G620	4GBx1	21.5" FHD	*Multi*	0.3M	Intel HD	1TB	DVD±RW	11b/g/n	OneKey TV	Remote	BT	BT/BT	None	Prem 64
7760-2SU	i3-2120	4GBx1	21.5" FHD	*Multi*	0.3M	Intel HD	1TB	DVD±RW	11b/g/n	OneKey TV	Remote	BT	BT/BT	None	Prem 64
7760-2WU	G630	4GBx1	21.5" FHD	*Multi*	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	OneKey TV	Remote	BT	BT/BT	None	Prem 64
7760-3CU	G640	4GBx1	21.5" FHD	*Multi*	0.3M	Intel HD	500GB	DVD±RW	11b/g/n				2.4G/2.4G	None	Prem 64

- *21.5'' Full HD frameless display supporting state-of-the-art multi-touch**
- *OneKey® TV* turns the display into a High-def TV at the click of a button; you can watch TV even without powering on the PC*
- *SRS Premium Sound provides the ultimate audio experience for music, movies and games on the PC*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

  * Optional feature

Processor	**Intel® Pentium® G620 Processor** (**2 cores / 2 threads**, 2.60 GHz, 3MB cache), DDR3 memory controller (up to 1066MHz) **Intel Pentium G630 Processor** (**2 cores / 2 threads**, 2.70 GHz, 3MB cache), DDR3 memory controller (up to 1066MHz) **Intel Pentium G640 Processor** (**2 cores / 2 threads**, 2.80 GHz, 3MB cache), DDR3 memory controller (up to 1066MHz) **Intel Core™ i3-2120 Processor** (**2 cores / 4 threads**, 3.30 GHz, 3M Cache) DDR3 memory controller (up to 1333MHz)
Implementation	Processor in FCLGA1155 socket
Memory	**4GB** std / **8GB** max[7] / **PC3-10600 1333MHz DDR3***, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1066MHz DDR3 memory controller
Optical	DVD burner, dual-layer support, 12.7mm, tray-in
SATA disk	**500GB** or **1TB**, SATA 3.0Gb/s, 3.5" wide, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset
Widescreen display	**21.5"** (546.1mm) **Full HD** (1920x1080 WUXGA) **TFT color**, **VibrantView** (glossy)**, LED** backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio
Multi-touch	Multi-touch, 2-point support
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with analog microphone
Controls	Touch-sensitive buttons for menu, direction buttons (left and right), and display on/off; hardware TV buttons on selected models (Channel Up/Down, Volume Up/Down, TV mode menu button, Signal source choice button, and TV power On/Off)
OneKey TV	*Some:* Hardware TV, turns the display into a High-def TV at the click of a button (even without powering on the PC)
Graphics	**Intel HD Graphics,** integrated in processor, uses main memory, DirectX® 10.1
Chipset	**Intel H61 Express Chipset**
Multicard reader	5-in-1 card reader (MMC, MS, MS PRO, SD, SDHC)
Ports	*Rear:* Four USB 2.0, one USB 3.0 (on some models), ethernet (RJ-45), keyboard (PS/2), TV-IN connector (on TV models); *Side:* Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader
PCIe Mini Card 11b/g/n[28]	Two PCIe Mini Card slots (one full size and one half size) 11b/g/n wireless[4], PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip
TV tuner	None
Bluetooth™	*Some:* Bluetooth 2.1 wireless + EDR
Modem	None
Ethernet	Gigabit ethernet on planar, Intel 82579V
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / SRS® Premium Sound™, stereo speakers (3 watts x 2)
Keyboard	*Some:* Bluetooth full-size keyboard, 6-row, black *Some:* 2.4G wireless full-size keyboard, 6-row, black
Mouse	*Some:* Bluetooth Optical Wheel Mouse, black *Some:* 2.4G wireless Optical Wheel Mouse, black
Remote control	*Some:* IR remote control for hardware TV (OneKey TV)
Power supply	200 watts, universal, auto-sensing
Dimensions[3]	*Non-touch models:* (WxHxD): 21.0" x 16.0" x 2.96"; 534mm x 405.2mm x 75.3mm *Non-touch models w/stand:* (WxHxD): 21.0" x 16.0" x 4.67"; 534mm x 405.2mm x 118.5mm *Touch models:* (WxHxD): 21.0" x 16.0" x 3.47"; 534mm x 405.2mm x 88.2mm *Touch models w/stand:* (WxHxD): 21.0" x 16.0" x 5.17"; 534mm x 405.2mm x 131.4mm
Weight[2]	From 22.11 lb (10.03 kg), vary by configuration
Chassis	*Front:* black and silver color; *rear:* dark gray color
Stand	Adjustable stand (between 15° and 40°), supports cable management
VESA mount	Supports VESA 100mm mount standard

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Cyberlink Power2Go (DVD±RW)
- Lenovo IdeaTouch (Touch models)
  – PowerCinema
  – Lenovo VeriTouch
  – PhotoStudio Paint
  – Lenovo Ebook and Quick Notes
- Touch Games (Touch models)
  – Angry Birds
  – Happy Hit
  – Curling
  – Music Star
  – Link Up
  – Funny Cube
  – Firework
- Windows Live Essentials
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- Lenovo Dynamic Brightness System
- Lenovo Eye Distance System

ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[12]
- ➭ **1-year parts and labor**
- ➭ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[23]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ➭ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1553)
- ➭ **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

IdeaCentre™ B320 (Multi-touch) - web only models - withdrawn

Type-model / part number	Proc-essor	Memory	Widescreen display	Multi-Touch screen	Camera (mega-pixel)	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	OneKey TV	Remote control	Keyboard/ Mouse	USB3.0	Win7 preload
7760-1EU	i3-2120	4GBx1	21.5" FHD	*Multi*	0.3M	HD6450	1TB[8]	DVD±RW	11b/g/n[28]	OneKey TV	IR Remote	BT/BT	None	Prem 64
7760-1DU	i5-2500S	4GBx1	21.5" FHD	*Multi*	0.3M	HD6450	2TB	DVD±RW	11b/g/n	OneKey TV	IR Remote	BT/BT	None	Prem 64
7760-2UU	i3-2120	4+2GB	21.5" FHD	*Multi*	0.3M	HD6450	1TB	DVD±RW	11b/g/n	OneKey TV	IR Remote	BT/BT	None	Prem 64
7760-2TU	i5-2500S	4GBx2	21.5" FHD	*Multi*	0.3M	HD6450	2TB	DVD±RW	11b/g/n	OneKey TV	IR Remote	BT/BT	None	Prem 64
7760-3FU	i5-2500S	4GBx2	21.5" FHD	*Multi*	0.3M	HD7450A	2TB	DVD±RW	11b/g/n			2.4G/2.4G	None	Prem 64
7760-3EU	i3-2120	4+2GB	21.5" FHD	*Multi*	0.3M	HD7450A	1TB	DVD±RW	11b/g/n			2.4G/2.4G	None	Prem 64
57312750	i5-3330S	4GBx2	21.5" FHD	*Multi*	0.3M	HD7450A	2TB	DVD±RW	11b/g/n	OneKey TV	IR + MCE	2.4G/2.4G	None	Prem 64
57312628	i3-2120	4+2GB	21.5" FHD	*Multi*	0.3M	HD7450A	1TB	DVD±RW	11b/g/n	OneKey TV	IR + MCE	2.4G/2.4G	None	Prem 64

- *21.5" Full HD frameless display supporting state-of-the-art multi-touch**
- *OneKey® TV* turns the display into a High-def TV at the click of a button; you can watch TV even without powering on the PC*
- *SRS Premium Sound provides the ultimate audio experience for music, movies and games on the PC*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

* Optional feature

Processor	**Intel® Core™ i3-2120 Processor** (**2 cores / 4 threads**, 3.30 GHz, 3M Cache) DDR3 memory controller (up to 1333MHz) **Intel Core i5-2500S Processor** (**4 cores / 4 threads**, 2.70 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.70 GHz), DDR3 memory controller (up to 1333MHz) **Intel Core i5-3330S Processor** (**4 cores / 4 threads**, 2.70 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.20 GHz), DDR3 memory controller (up to 1600MHz)
Implementation	Processor in FCLGA1155 socket
Memory	8GB max[7] / **PC3-10600 1333MHz DDR3***, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets ** System automatically clocks down for processors with 1066MHz DDR3 memory controller*
Optical	DVD burner, dual-layer support, 12.7mm, tray-in
SATA disk	**1TB** or **2TB**, SATA 3.0Gb/s, 3.5" wide, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset
Widescreen display	**21.5"** (546.1mm) **Full HD** (1920x1080 WUXGA) **TFT color**, **VibrantView** (glossy)**,** **LED** backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio
Multi-touch	Multi-touch, 2-point support
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with analog microphone
Controls	Touch-sensitive buttons for menu, direction buttons (left and right), and display on/off; hardware TV buttons on selected models (Channel Up/Down, Volume Up/Down, TV mode menu button, Signal source choice button, and TV power On/Off)
OneKey TV	*Some:* Hardware TV, turns the display into a High-def TV at the click of a button (even without powering on the PC)
Graphics	*Some:* **AMD Radeon™ HD 6450**, PCI Express® x16, **1GB memory**, DirectX® 11 *Some:* **AMD Radeon HD 7450A**, PCI Express x16, **1GB memory**, DirectX 11
Chipset	**Intel H61 Express Chipset**
Multicard reader	5-in-1 card reader (MMC, MS, MS PRO, SD, SDHC)
Ports	*Rear:* Four USB 2.0, one USB 3.0 (on some models), ethernet (RJ-45), keyboard (PS/2), TV-IN connector (on TV models); *Side:* Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader
PCIe Mini Card 11b/g/n[28]	Two PCIe Mini Card slots (one full size and one half size) 11b/g/n wireless[4], PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip
TV tuner	None
Bluetooth™	Bluetooth 2.1 wireless + EDR
Modem	None
Ethernet	Gigabit ethernet on planar, Intel 82579V
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / SRS® Premium Sound™, stereo speakers (3 watts x 2)
Keyboard	*Some:* Bluetooth full-size keyboard, 6-row, black *Some:* 2.4G wireless full-size keyboard, 6-row, black
Mouse	*Some:* Bluetooth Optical Wheel Mouse, black *Some:* 2.4G wireless Optical Wheel Mouse, black
Remote control	*Some:* MCE remote control *Some:* IR remote control for hardware TV (OneKey TV)
Power supply	200 watts, universal, auto-sensing
Dimensions[3]	*Non-touch models:* (WxHxD): 21.0" x 16.0" x 2.96"; 534mm x 405.2mm x 75.3mm *Non-touch models w/stand:* (WxHxD): 21.0" x 16.0" x 4.67"; 534mm x 405.2mm x 118.5mm *Touch models:* (WxHxD): 21.0" x 16.0" x 3.47"; 534mm x 405.2mm x 88.2mm *Touch models w/stand:* (WxHxD): 21.0" x 16.0" x 5.17"; 534mm x 405.2mm x 131.4mm
Weight[2]	From 22.11 lb (10.03 kg), vary by configuration
Chassis	*Front:* black and silver color; *rear:* dark gray color
Stand	Adjustable stand (between 15° and 40°), supports cable management
VESA mount	Supports VESA 100mm mount standard

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Cyberlink Power2Go (DVD±RW)
- Lenovo IdeaTouch (Touch models)
  – PowerCinema
  – Lenovo VeriTouch
  – PhotoStudio Paint
  – Lenovo Ebook and Quick Notes
- Touch Games (Touch models)
  – Angry Birds
  – Happy Hit
  – Curling
  – Music Star
  – Link Up
  – Funny Cube
  – Firework
- Windows Live Essentials
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- Lenovo Dynamic Brightness System
- Lenovo Eye Distance System

ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[12]
- ➮ **1-year parts and labor**
- ➮ **Customer Replaceable Unit (CRU) parts only** (with limited onsite service for selected parts[23], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)
- ➮ **Service upgrade options** (in eligible locations):[9]
  - **2-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1553)
- ➮ **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US model(s) announced February 21, 2013;
US models withdrawn effective March 2014

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Lenovo IdeaCentre B520
(3D Vision models)

Lenovo IdeaCentre B520
(HDMI-in, TV IN, and TV tuner
connector on some models)

Lenovo IdeaCentre B520

Lenovo IdeaCentre B520
with optional Bluetooth keyboard and mouse

Lenovo IdeaCentre B520

Lenovo IdeaCentre B520

IdeaCentre™ B520 (7745) - Multi-touch - withdrawn

Type-model	Proc-essor	Memory	Widescreen display	Multi-Touch screen	Camera (mega-pixel)	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Keyboard/ Mouse	Wall mount kit	USB3.0	HDMI-in AV IN	Win7 preload
7745-2AU	i3-2100	2Gx2	23" FHD	*Multi*	0.3M	Intel HD	1TB[8]	DVD±RW	11b/g/n[28]	TV	Remote	BT/BT	Wall	USB3.0	HDMI/AV	Prem 64
7745-2EU	i7-2600	2Gx3	23" FHD	*Multi*	0.3M	GT555M 1G	1TB	DVD±RW	11b/g/n	TV	Remote	BT/BT	Wall	USB3.0	HDMI/AV	Prem 64
7745-2FU	i5-2310	2Gx3	23" FHD	*Multi*	0.3M	GT555M 1G	1TB	DVD±RW	11b/g/n	TV	Remote	BT/BT	Wall	USB3.0	HDMI/AV	Prem 64
7745-2JU	i3-2120	2Gx2	23" FHD	Multi	0.3M	Intel HD	1TB	DVD±RW	11b/g/n	TV	Remote	BT/BT	Wall	USB3.0	HDMI/AV	Prem 64
7745-2KU	i5-2320	2Gx3	23" FHD	Multi	0.3M	GT555M 1G	1TB	DVD±RW	11b/g/n	TV	Remote	BT/BT	Wall	USB3.0	HDMI/AV	Prem 64

- *23" Full HD frameless display supporting state-of-the-art multi-touch* and NVIDIA 3D Vision* technologies*
- *Integrated TV tuner*
- *3-in-1 motion drive wireless mouse* – including motion-drive gaming and remote control functions*
- *Integrated 5.0 speakers (3 watts x 5) supporting SRS Premium Sound audio enhancement*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*
- ** Optional feature*

Processor	**Intel® Core™ i3-2100 Processor** (**2 cores / 4 threads**, 3.10 GHz, 3M Cache) DDR3 memory controller (up to 1333MHz) **Intel Core i3-2120 Processor** (**2 cores / 4 threads**, 3.30 GHz, 3M Cache), DDR3 memory controller (up to 1333MHz) **Intel Core i5-2310 Processor** (**4 cores / 4 threads**, 2.90 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.20 GHz), DDR3 memory controller (up to 1333MHz) **Intel Core i5-2320 Processor** (**4 cores / 4 threads**, 3.00 GHz, 6M Cache), Turbo Boost Technology 2.0 (up to 3.30 GHz), DDR3 memory controller (up to 1333MHz) **Intel Core i7-2600 Processor** (**4 cores / 8 threads**, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.80 GHz), DDR3 memory controller (up to 1333MHz)
Implementation	Processor in FCLGA1155 socket
Memory	**4GB** or **6GB** std / **16GB** max[7] / **PC3-10600 1333MHz DDR3**, non-parity, dual-channel capable, four 204-pin SO-DIMM sockets
Optical	DVD burner, dual-layer support, 12.7mm, tray-in
SATA disk	**1TB**, SATA 3.0Gb/s or SATA 6.0Gb/s, 3.5" wide, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s support, integrated in chipset
Widescreen display	**23.0"** (584.2mm) **Full HD** (1920x1080 WUXGA) **TFT color**, **VibrantView** (glossy)**, LED** backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen**
Multi-touch	Multi-touch, 2-point support
NVIDIA® 3D Vision	None
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with analog microphone
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration)
Graphics	*Some:* **Intel HD Graphics 2000,** in processor, uses main memory, DirectX® 10.1; *Some:* **NVIDIA® GeForce® GT 555M**, PCI Express® x16, 1GB GDDR5, DirectX 11;
Chipset	**Intel H67 Express Chipset**
Multicard reader	Multicard reader (MMC, MS, MS PRO, MSXC, SD, SDHC, SDXC)
Ports	*Rear:* Four USB 2.0 (two USB2.0 and two USB3.0 on some models), ethernet (RJ-45), keyboard (PS/2), HDMI-out, HDMI-in (on some models), AV IN (on some models), and TV tuner connector (on TV models); *Side:* Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader
PCIe Mini Card	Two PCIe Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip
TV tuner	ATSC tuner, supports analog and digital signal, PCIe Mini Card
Bluetooth™	Bluetooth 2.1 wireless + EDR
Modem	None
Ethernet	Gigabit ethernet on planar, Intel 82579V
Audio support	High Definition (HD) Audio, Realtek ALC663 codec / SRS® Premium Sound™, 5.0 speakers (3 watts x 5)
Keyboard	Bluetooth full-size keyboard, 6-row, black
Mouse	Bluetooth Optical Wheel Mouse, black
Remote control	MCE remote control, via IR
Power supply	250 watts, universal, auto-sensing
Dimensions[3]	*Non-3D models: (WxHxD):* 22.35" x 16.80" x 3.01"; 567.8mm x 426.7mm x 76.5mm *3D models: (WxHxD):* 22.35" x 16.80" x 3.48"; 567.8mm x 426.7mm x 88.5mm
Weight[2]	From 22.22 lb (10.08 kg), vary by configuration
Chassis	*Front:* black and silver color; *rear:* silver gray color
Stand	Adjustable stand (between 15° and 40°), supports cable management
Wall mount	Wall mount kit, meets VESA 100mm mount standard

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Cyberlink Power2Go (DVD±RW, Blu-ray)
- Lenovo IdeaTouch (Touch models)
  - PowerCinema
  - Lenovo VeriTouch
  - PhotoStudio Paint
  - Lenovo Ebook and Quick Notes
- Touch Games (Touch models)
  - Angry Birds
  - Happy Hit
  - Curling
  - Music Star
  - Link Up
  - Funny Cube
  - Firework
- Windows Live Essentials
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- Lenovo Dynamic Brightness System*
- Lenovo Eye Distance System*
- * The software is not compatible with 720p Camera

ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[12]

⤳ **1-year parts and labor**
⤳ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[23]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
⤳ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo In-Home Repair 9x5 Next Business Day**   (78Y1552)
  - **3-year Lenovo In-Home Repair 9x5 Next Business Day**   (78Y1553)
⤳ **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US models withdrawn effective March 2014

IdeaCentre™ B520 (7745) - Multi-touch (web only models) - withdrawn

Type-model	Proc-essor	Memory	Wide-screen display	Multi-Touch screen	3D Vision with 3D glasses	Camera (mega-pixel)	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Key-board/ Mouse	Wall mount kit	HDMI-in AV IN	Win7 preload
7745-1FU	i7-2600	4Gx2	23" FHD	*Multi*	3D Vision	0.3M	GT555M 2G	2TB[8]	BD reader	11b/g/n[28]	TV	Remote	BT/3in1		HDMI/AV	Prem 64
7745-1GU	i7-2600	4Gx2	23" FHD	*Multi*		0.3M	GT555M 2G	2TB	BD reader	11b/g/n	TV	Remote	BT/3in1		HDMI/AV	Prem 64
7745-1HU	i5-2500	4Gx2	23" FHD	*Multi*		0.3M	GT555M 1G	1TB	BD reader	11b/g/n	TV	Remote	BT/3in1		HDMI/AV	Prem 64
7745-1JU	i3-2120	2Gx3	23" FHD	*Multi*		0.3M	Intel HD	500GB	DVD±RW	11b/g/n	TV	Remote	BT/3in1		HDMI/AV	Prem 64
7745-2LU	i3-2120	2Gx3	23" FHD	*Multi*		0.3M	Intel HD	1TB	DVD±RW	11b/g/n	TV	Remote	BT/3in1	Wall	HDMI/AV	Prem 64
7745-2NU	i5-2320	4Gx2	23" FHD	*Multi*		0.3M	Intel HD	1TB	DVD±RW	11b/g/n	TV	Remote	BT/3in1	Wall	HDMI/AV	Prem 64
7745-2PU	i5-2320	4Gx2	23" FHD	*Multi*		0.3M	GT555M 1G	1TB	BD burner	11b/g/n	TV	Remote	BT/3in1	Wall	HDMI/AV	Prem 64
7745-2MU	i7-2600	4Gx2	23" FHD	*Multi*		0.3M	GT555M 2G	2TB	BD burner	11b/g/n	TV	Remote	BT/3in1	Wall	HDMI/AV	Prem 64
7745-2QU	i7-2600	4Gx2	23" FHD	*Multi*	3D Vision	0.3M	GT555M 2G	2TB	BD burner	11b/g/n	TV	Remote	BT/3in1	Wall	HDMI/AV	Prem 64

- *23" Full HD frameless display supporting state-of-the-art multi-touch* and NVIDIA 3D Vision* technologies*
- *Integrated TV tuner**
- *3-in-1 motion drive wireless mouse* – including motion-drive gaming and remote control functions*
- *Integrated 5.0 speakers (3 watts x 5) supporting SRS Premium Sound audio enhancement*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

* Optional feature

Processor	**Intel® Core™ i3-2120 Processor** (**2 cores / 4 threads**, 3.30 GHz, 3M Cache) integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller
	Intel Core i5-2320 Processor (**4 cores / 4 threads**, 3.00 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.30 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller
	Intel Core i5-2500 Processor (**4 cores / 4 threads**, 3.30 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.70 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller
	Intel Core i7-2600 Processor (**4 cores / 8 threads**, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.80 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller
Implementation	Processor in FCLGA1155 socket
Memory	**6GB** or **8GB** std / 16GB max[7] / **PC3-10600 1333MHz DDR3**, non-parity, dual-channel capable, four 204-pin SO-DIMM sockets
Optical	*Some:* DVD burner, dual-layer support, 12.7mm, tray-in *Some:* Blu-ray disc reader (no Blu-ray media burning), DVD recordable, 12.7mm, tray-in *Some:* Blu-ray™ burner, Blu-ray and DVD disk recordable, 12.7mm, tray-in
SATA disk	**500GB**, **1TB**, or **2TB**, SATA 3.0Gb/s or SATA 6.0Gb/s, 3.5" wide, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s support, integrated in chipset
Widescreen display	**23.0"** (584.2mm) **Full HD** (1920x1080 WUXGA) **TFT color**, **VibrantView** (glossy), *Non-3D models:* **LED** backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen** *3D models:* CCFL backlight, 400 nits, 16:9 aspect ratio, 1000:1 contrast ratio, support 120MHz, **frameless screen**
Multi-touch	Multi-touch, 2-point support
NVIDIA® 3D Vision	*Some:* NVIDIA 3D Vision support, includes active shutter glasses and build-in IR emitter
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with analog microphone
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN), depends on configuration
Graphics	*Some:* **Intel HD Graphics**, integrated in processor, uses main memory, DirectX® 10.1; *Some:* **NVIDIA® GeForce® GT 555M**, PCI Express® x16, 1GB GDDR5, DirectX 11; *Some:* **NVIDIA GeForce GT 555M**, PCI Express x16, 2GB GDDR5, DirectX 11
Chipset	**Intel H67 Express Chipset**
Multicard reader	Multicard reader (MMC, MS, MS PRO, MSXC, SD, SDHC, SDXC)
Ports	*Rear:* Four USB 2.0 , ethernet (RJ-45), keyboard (PS/2), HDMI-out, HDMI-in (on some models), AV IN (on some models), and TV tuner connector (on TV models); *Side:* Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader
PCIe Mini Card	Two PCIe Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip
TV tuner	ATSC tuner, supports analog and digital signal, PCIe Mini Card
Bluetooth™	Bluetooth 2.1 wireless + EDR
Modem	None
Ethernet	Gigabit ethernet on planar, Intel 82579V
Audio support	High Definition (HD) Audio, Realtek ALC663 codec / SRS® Premium Sound™, 5.0 speakers (3 watts x 5)
Keyboard	Bluetooth full-size keyboard, 6-row, black
Mouse	3-in-1 motion drive Bluetooth wireless mouse, includes regular mouse function, air mouse, and motion drive game remote control
Remote control	MCE remote control, via IR
Power supply	250 watts, universal, auto-sensing
Dimensions[3]	*Non-3D models: (WxHxD):* 22.35" x 16.80" x 3.01"; 567.8mm x 426.7mm x 76.5mm *3D models: (WxHxD):* 22.35" x 16.80" x 3.48"; 567.8mm x 426.7mm x 88.5mm
Weight[2]	From 22.22 lb (10.08 kg), vary by configuration
Chassis	*Front:* black and silver color; *rear:* silver gray color
Stand	Adjustable stand (between 15° and 40°), supports cable management
Wall mount	*Some:* Wall mount kit, meets VESA 100mm mount standard

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Cyberlink Power2Go (DVD±RW, Blu-ray)
- CyberLink PowerDVD (Blu-ray)
- Lenovo IdeaTouch (Touch models)
  – PowerCinema
  – Lenovo VeriTouch
  – PhotoStudio Paint
  – Lenovo Ebook and Quick Notes
- Touch Games (Touch models)
  – Angry Birds
  – Happy Hit
  – Curling
  – Music Star
  – Link Up
  – Funny Cube
  – Firework
- Windows Live Essentials
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- Lenovo Dynamic Brightness System*
- Lenovo Eye Distance System*

* The software is not compatible with 720p Camera

Ready to install applications (only some listed)
- Motion Drive Game Zone (The application is included on a CD shipped with 3-in-1 mouse)

ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[12]

➾ **1-year parts and labor**
➾ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[23], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
➾ **Service upgrade options (in eligible locations):[9]**
  • **2-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1552)
  • **3-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1553)
➾ **24x7[16] toll-free support for warranty issues during the warranty period[12] via 877-453-6686**

Type-model	Proc-essor	Memory	Widescreen display	Multi-Touch screen	Camera (mega-pixel)	Graphics	SATA disk (GB[8])	Optical	Mini PCIe 802.11 wireless	TV tuner / OneKey TV	Remote control	Keyboard/ Mouse	Wall mount kit	USB3.0	HDMI-in AV IN	Win7 preload
3111-1MU	i3-2120	4Gx1	23" FHD	*Multi*	0.3M	Intel HD	500G	DVD±RW	11b/g/n[28]	OneKey TV	IR Rem	BT/BT	Wall	USB3.0	HDMI/AV	Prem 64
3111-1NU	i5-2400S	4Gx1	23" FHD	*Multi*	0.3M	Intel HD	1TB	DVD±RW	11b/g/n	OneKey TV	IR Rem	BT/BT	Wall	USB3.0	HDMI/AV	Prem 64
3111-1PU	G630	4Gx1	23" FHD	*Multi*	0.3M	Intel HD	500G	DVD±RW	11b/g/n	TV tuner	MCE IR	BT/BT	Wall	USB3.0		Prem 64

- ***23" Full HD frameless display supporting state-of-the-art multi-touch****
- ***OneKey® TV* turns the display into a High-def TV at the click of a button; you can watch TV even without powering on the PC***
- ***Dolby Home Theater v4 audio enhancement***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

* Optional feature

Processor	**Intel® Pentium® G630 Processor (2 cores / 2 threads**, 2.70 GHz, 3MB cache), DDR3 memory controller (up to 1066MHz) **Intel Core™ i3-2120 Processor (2 cores / 4 threads**, 3.30 GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz) **Intel Core i5-2400S Processor (4 cores / 4 threads,** 2.50 GHz, 6MB Cache), Turbo Boost Technology 2.0 (up to 3.30 GHz), DDR3 memory controller (up to 1333MHz)
Implementation	Processor in FCLGA1155 socket
Memory	8GB max[7] / **PC3-10600 1333MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets
Optical	DVD burner, dual-layer support, 12.7mm, tray-in
SATA disk	**500GB** or **1TB**, SATA 3.0Gb/s, 3.5" wide, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset
Widescreen display	**23.0"** (584.2mm) **Full HD** (1920x1080 WUXGA) **TFT color**, **VibrantView** (glossy), **LED** backlight, 300 nits**,** 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen**
Multi-touch	Multi-touch, 2-point support
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with analog microphone
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration) Hardware TV buttons on selected models (Channel Up/Down, Volume Up/Down, TV mode menu button, Signal source choice button, and TV power On/Off)
OneKey TV	*Some:* Hardware TV, turns the display into a High-def TV at the click of a button (even without powering on the PC)
Graphics	**Intel HD Graphics** in processor, uses main memory
Chipset	**Intel H61 Express Chipset**
Multicard reader	Multicard reader (MMC, MS, MS PRO, MSXC, SD, SDHC, SDXC)
Ports	*Rear:* Four USB 2.0 (two USB2.0 and two USB3.0 on some models), ethernet (RJ-45), HDMI-out, HDMI-in (on some models), AV IN (on some models), and TV tuner connector (on TV models); *Side:* Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader
PCIe Mini Card	Two PCIe Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Half Mini Card adapter, Realtek® or Atheros® chip
TV tuner	*Some:* ATSC TV tuner, PCIe Mini Card
Bluetooth™	Bluetooth 2.1 wireless + EDR
Modem	None
Ethernet	Gigabit ethernet on planar, Realtek RTL8111E
Audio support	High Definition (HD) Audio, Realtek ALC663 codec / Dolby® Home Theater® v4 certified / 5.0 speakers (3 watts x 5)
Keyboard	Bluetooth full-size keyboard, 6-row, black
Mouse	Bluetooth Optical Wheel Mouse, black
Remote control	*Some:* MCE remote control, via IR *Some:* IR remote control for hardware TV (OneKey TV)
Power supply	250 watts, universal, auto-sensing
Dimensions[3]	*(WxHxD):* 22.35" x 16.80" x 3.01"; 567.8mm x 426.7mm x 76.5mm
Weight[2]	From 22.22 lb (10.08 kg), vary by configuration
Chassis	*Front:* black and silver color; *rear:* silver gray color
Stand	Adjustable stand (between 15° and 40°), supports cable management
Wall mount	Wall mount kit, meets VESA 100mm mount standard

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Cyberlink Power2Go (DVD±RW)
- Lenovo IdeaTouch (Touch models)
  - PowerCinema
  - Lenovo VeriTouch
  - PhotoStudio Paint
  - Lenovo Ebook and Quick Notes
- Touch Games (Touch models)
  - Angry Birds
  - Happy Hit
  - Curling
  - Music Star
  - Link Up
  - Funny Cube
  - Firework
- Windows Live Essentials
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- Lenovo Dynamic Brightness System*
- Lenovo Eye Distance System*

* The software is not compatible with 720p Camera

ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[12]

➥ **1-year parts and labor**
➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[23]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
➥ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1553)
➥ **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

Lenovo IdeaCentre B540

Lenovo IdeaCentre B540
(HDMI-in, TV IN, and TV tuner
connector on some models)

Lenovo IdeaCentre B540

Lenovo IdeaCentre B540
with keyboard and mouse

Lenovo IdeaCentre B540

Lenovo IdeaCentre B540

Type-model	Proc-essor	Memory	Wide-screen display	Multi-Touch screen	Cam-era	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Key-board/ Mouse	HDMI-in AV IN	USB 3.0	Blue-tooth	Win7 preload	Avail date (mm/yy)
2568-2SU	G640	4Gx1	23" FHD	*Multi*	720p	Intel HD	500GB[8]	DVD±RW	11b/g/n[28]	None	None	2.4G	None	USB3.0	BT	Prem 64	07/12
2568-2RU	i3-2120	4Gx1	23" FHD	*Multi*	720p	Intel HD 2000	1TB	DVD±RW	11b/g/n	None	None	2.4G	None	USB3.0	BT	Prem 64	07/12
2568-2YU	i3-2120	4+2G	23" FHD	*Multi*	720p	Intel HD 2000	1TB	DVD±RW	11b/g/n	None	None	2.4G	None	USB3.0	BT	Prem 64	12/12

- *23" Full HD frameless display supporting state-of-the-art multi-touch* and FPR 3D technologies**
- *Integrated TV tuner**
- *2.4G wireless keyboard and mouse*
- *Integrated 2.0 speakers (3 watts x 2) supporting Dolby Advanced Audio v2*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

* Optional feature

Processor	**Intel® Pentium® G640 Processor (2 cores / 2 threads**, 2.80 GHz, 3M Cache) integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller **Intel Core™ i3-2120 Processor (2 cores / 4 threads**, 3.30 GHz, 3M Cache) integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller
Implementation	Processor in FCLGA1155 socket
Memory	8GB max[7] / **PC3-12800 1600MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1066MHz or 1333MHz DDR3 memory controller
Optical	DVD burner, dual-layer support, 12.7mm, tray-in
SATA disk	**500GB** or **1TB**, SATA 6.0Gb/s, 3.5" wide, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset
Widescreen display	**23.0"** (584.2mm) **Full HD** (1920x1080 WUXGA) **TFT color**, **VibrantView** (glossy), **LED** backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen**
Multi-touch	Projected Capacitive Touch (PCT) technology, hardware supports 10-point multi-touch
FPR 3D	None
Camera	Camera on top of screen, HD720p resolution, fixed focus, with digital microphone
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration)
Graphics	**Intel HD Graphics** or **Intel HD Graphics 2000,** integrated in processor, uses main memory, DirectX® 10.1;
Chipset	**Intel H61 Express Chipset**
Multicard reader	Multicard reader (MMC, MS, MS PRO, MSXC, SD, SDHC, SDXC)
Ports	*Rear:* Four USB 2.0 (two USB2.0 and two USB3.0 on some models), ethernet (RJ-45), HDMI-out, HDMI-in (on some models), AV IN (on some models), and TV tuner connector (on TV models); *Side:* Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader
PCIe Mini Card 11b/g/n[28]	Two PCIe Mini Card slots 11b/g/n wireless[4], PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip
TV tuner	None
Bluetooth™	Bluetooth wireless
Modem	None
Ethernet	Gigabit ethernet on planar, Realtek® RTL 8111F
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / Dolby® Advanced Audio™ v2, 2.0 speakers (3 watts x 2)
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, Fn keys, black
Mouse	2.4G wireless Laser Wheel Mouse, black
Remote control	None
Power supply	200 watts, universal, auto-sensing
Dimensions[3]	*Non-3D models: (WxHxD):* 22.70" x 16.22" x 4.34"; 576.6mm x 411.9mm x 110.3mm
Weight[2]	From 24.25 lb (11.00 kg), vary by configuration
Chassis	*Front:* black with silver; *rear:* black with silver
Stand	Adjustable stand (between 15° and 40°), supports cable management
Wall mount	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- McAfee® Internet Security (30-day Trial)
- Cyberlink Power2Go (DVD±RW, Blu-ray)
- CyberLink PowerDVD (Blu-ray)
- Lenovo IdeaTouch (Touch models)
  – PowerCinema
  – Lenovo VeriTouch
  – PhotoStudio Paint
  – Lenovo Ebook and Quick Notes
- Touch Games (Touch models)
  – Angry Birds
  – Happy Hit
  – Curling
  – Music Star
  – Link Up
  – Funny Cube
  – Firework
- Windows Live Essentials
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate

ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[12]
- ➭ **1-year parts and labor**
- ➭ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[23]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ➭ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1553)
- ➭ **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

IdeaCentre™ B540 (Windows 8) - withdrawn

Part number	Pro-cessor	Memory	Wide-screen display	Multi-Touch screen	Cam-era	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Key-board/ Mouse	HDMI-in AV IN	USB 3.0	Blue-tooth	Win8 preload	Avail date (mm/yy)
57308828	G645	4Gx1	23" FHD	Multi	720p	Intel HD	500GB[8]	DVD±RW	11b/g/n	None	None	2.4G	None	USB3.0	BT4.0	Win8 64	11/12
57308886	i3-2130	4Gx1	23" FHD	Multi	720p	Intel HD 2000	1TB	DVD±RW	11b/g/n	None	None	2.4G	None	USB3.0	BT4.0	Win8 64	11/12
57311411	i5-3330S	4+2G	23" FHD	Multi	720p	Intel HD 2500	1TB	BD Player	11b/g/n	None	None	2.4G	None	USB3.0	BT4.0	Win8 64	11/12
57312430	i3-3220	4+2G	23" FHD	Multi	720p	Intel HD 2500	1TB	DVD±RW	11b/g/n	None	None	2.4G	None	USB3.0	BT4.0	Win8 64	03/13

- *23" Full HD frameless display supporting state-of-the-art multi-touch* and FPR 3D technologies**
- *Integrated TV tuner**
- *2.4G wireless keyboard and mouse*
- *Integrated 2.0 speakers (3 watts x 2) supporting Dolby Advanced Audio v2*

* Optional feature

Processor	**Intel® Pentium® G645 Processor (2 cores / 2 threads**, 2.90 GHz, 3M Cache)
	DDR3 memory controller (up to 1066MHz), integrated Intel HD Graphics
	Intel Core™ i3-2130 Processor (2 cores / 4 threads, 3.40 GHz, 3M Cache)
	DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics 2000
	Intel Core i3-3220 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache)
	DDR3 memory controller (up to 1600MHz), integrated Intel HD Graphics 2500
	Intel Core i5-3330S Processor (4 cores / 4 threads, 2.70 GHz, 6M Cache),
	DDR3 memory controller (up to 1600MHz), Turbo Boost Technology 2.0 (up to 3.20 GHz), integrated Intel HD Graphics 2500
Implementation	Processor in FCLGA1155 socket
Memory	8GB max[7] / **PC3-12800 1600MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets
	* System automatically clocks down for processors with 1066MHz or 1333MHz DDR3 memory controller
Optical	*Some:* DVD burner, dual-layer support, 12.7mm, tray-in
	Some: Blu-ray disc reader (no Blu-ray media burning), DVD recordable, 12.7mm, tray-in
SATA disk	**500GB** or **1TB**, SATA 6.0Gb/s, 3.5" wide, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset
Widescreen display	**23.0"** (584.2mm) **Full HD** (1920x1080 WUXGA) **TFT color**, **VibrantView** (glossy), **LED** backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen**
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch
FPR 3D	None
Camera	Camera on top of screen, HD720p resolution, fixed focus, with digital microphone
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration)
Graphics	**Intel HD Graphics**, **Intel HD Graphics 2000**, or **Intel HD Graphics 2500**, integrated in processor, uses main memory, DirectX® 10.1
Chipset	**Intel H61 Express Chipset**
Multicard reader	Multicard reader (MMC, MS, MS PRO, MSXC, SD, SDHC, SDXC)
Ports	*Rear:* Four USB 2.0 (two USB2.0 and two USB3.0 on some models), ethernet (RJ-45), HDMI-out, HDMI-in (on some models), AV IN (on some models), and TV tuner connector (on TV models);
	Side: Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader
PCIe Mini Card 11b/g/n[28]	Two PCIe Mini Card slots
	11b/g/n wireless[4], PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip
TV tuner	None
Bluetooth™	Bluetooth 4.0 wireless
Modem	None
Ethernet	Gigabit ethernet on planar, Realtek® RTL 8111F
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / Dolby® Advanced Audio™ v2, 2.0 speakers (3 watts x 2)
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, Fn keys, black
Mouse	2.4G wireless Laser Wheel Mouse, black
Remote control	None
Power supply	200 watts, universal, auto-sensing
Dimensions[3]	*Non-3D models: (WxHxD):* 22.70" x 16.22" x 4.34"; 576.6mm x 411.9mm x 110.3mm
Weight[2]	From 24.25 lb (11.00 kg), vary by configuration
Chassis	*Front:* black with silver; *rear:* black with silver
Stand	Adjustable stand (between 15° and 40°), supports cable management
Wall mount	None

Preloaded operating system[20]
- Windows® 8 64-bit

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- Lenovo Cloud Storage by SugarSync
- CyberLink YouCam
- McAfee® Internet Security (30-Day Trial)
- Cyberlink Power2Go (DVD±RW, BD player)
- Adobe® Reader®
- Nitro PDF
- Cyberlink PowerDVD® (BD player)
- Touch Games (Touch models)
- Education Portal
- Microsoft Office preloaded; purchase product key to activate
- Intel AppUp®
- Lenovo Dynamic Brightness System
- Lenovo Eye Distance System
- AccuWeather
- eBay
- Evernote
- Amazon Kindle
- Lenovo Support
- Rara Streaming
- Lenovo Companion

ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[12]
- ➾ **1-year parts and labor**
- ➾ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[23], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ➾ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1553)
- ➾ **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US models withdrawn effective March 2014

IdeaCentre™ B540 (2568) - (web only models) - withdrawn

Type-model	Proc-essor	Memory	Wide-screen display	Multi-Touch screen	FPR 3D	Camera (mega-pixel)	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	OneKey TV	Remote control	Key-board/ Mouse	USB3.0	Win7 preload	Avail date (mm/yy)
2568-1VU	i3-2120	4Gx2	23" FHD			720p	HD Graphics	1TB[8]	DVD±RW	11b/g/n		MCE Remote	2.4G	USB3.0	Prem 64	06/12
2568-1JU	i5-2400S	4Gx2	23" FHD	*Multi*		720p	GF615M 1G	1TB	DVD±RW	11b/g/n		MCE Remote	2.4G	USB3.0	Prem 64	06/12
2568-1RU	i3-2120	4Gx2	23" FHD	*Multi*		720p	GF615M 1G	2TB	DVD±RW	11b/g/n		MCE Remote	2.4G	USB3.0	Prem 64	07/12
2568-2DU	i5-3450S	4Gx2	23" FHD	*Multi*		720p	GF615M 1G	1TB	DVD±RW	11b/g/n		MCE Remote	2.4G	USB3.0	Prem 64	10/12
2568-2GU	i5-3450S	4Gx2	23" FHD	*Multi*	3D	720p	GF615M 2G	2TB	BD burner	11b/g/n	OneKey TV	IR Remote	2.4G	USB3.0	Prem 64	10/12

- **23" Full HD frameless display supporting state-of-the-art multi-touch* and FPR 3D technologies***
- **Integrated TV tuner***
- **2.4G wireless keyboard and mouse**
- **Integrated stereo speakers (3 watts x 2) supporting Dolby Advanced Audio v2**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

* Optional feature

Processor	**Intel® Core™ i3-2120 Processor** (**2 cores / 4 threads**, 3.30 GHz, 3M Cache) integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller **Intel Core i5-2400S Processor** (**4 cores** / **4 threads**, 2.50 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.30 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller **Intel Core i5-3450S Processor** (**4 cores** / **4 threads**, 2.80 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.50 GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller
Implementation	Processor in FCLGA1155 socket
Memory	8GB max[7] / **PC3-12800 1600MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller
Optical	*Some:* DVD burner, dual-layer support, 12.7mm, tray-in *Some:* Blu-ray™ burner, Blu-ray and DVD disk recordable, 12.7mm, tray-in
SATA disk	**1TB** or **2TB**, SATA 6.0Gb/s, 3.5" wide, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset
Widescreen display	**23.0"** (584.2mm) **Full HD** (1920x1080 WUXGA) **TFT color**, **VibrantView** (glossy), **LED** backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen**
Multi-touch	*Some:* Projected Capacitive Touch (PCT) technology, hardware supports 10-point
FPR 3D	*Some:* Support FPR 3D technology, 2 pairs of FPR glasses
Camera	Camera on top of screen, HD720p resolution, fixed focus, with digital microphone
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration) Hardware TV buttons on OneKey TV models (Channel Up/Down, Volume Up/Down, TV mode menu button, Signal source choice button, and TV power On/Off)
OneKey TV	*Some:* Hardware TV, turns the display into a High-def TV at the click of a button (even without powering on the PC)
Graphics	*Some:* **Intel HD Graphics,** integrated in processor, uses main memory, DirectX® 10.1; *Some:* **NVIDIA® GeForce® 615M**, PCI Express® x16, 1GB DDR3, DirectX 11; *Some:* **NVIDIA GeForce 615M**, PCI Express x16, 2GB DDR3, DirectX 11
Chipset	**Intel H61 Express Chipset**
Multicard reader	Multicard reader (MMC, MS, MS PRO, MSXC, SD, SDHC, SDXC)
Ports	*Rear:* Four USB 2.0 (two USB2.0 and two USB3.0 on some models), ethernet (RJ-45), HDMI-out, HDMI-in (on OneKey TV models), AV IN (on OneKey TV models), and TV tuner connector (on TV models); *Side:* Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader
PCIe Mini Card 11b/g/n[28]	Two PCIe Mini Card slots 11b/g/n wireless[4], PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip
TV tuner	None
Bluetooth™	None
Modem	None
Ethernet	Gigabit ethernet on planar, Realtek® RTL 8111F
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / Dolby® Advanced Audio™ v2, stereo speakers (3 watts x 2)
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, Fn keys, black
Mouse	2.4G wireless Laser Wheel Mouse, black
Remote control	*Some:* MCE remote control, via IR *Some:* IR remote control for hardware TV (OneKey TV)
Power supply	200 watts, universal, auto-sensing
Dimensions[3]	*Non-3D models: (WxHxD):* 22.70" x 16.22" x 4.34"; 576.6mm x 411.9mm x 110.3mm
Weight[2]	From 24.25 lb (11.00 kg), vary by configuration
Chassis	*Front:* black with silver; *rear:* black with silver
Stand	Adjustable stand (between 15° and 40°), supports cable management
Wall mount	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- McAfee® Internet Security (30-day Trial)
- Cyberlink Power2Go (DVD±RW, Blu-ray)
- CyberLink PowerDVD (Blu-ray)
- Lenovo IdeaTouch (Touch models)
  - PowerCinema
  - Lenovo VeriTouch
  - PhotoStudio Paint
  - Lenovo Ebook and Quick Notes
- Touch Games (Touch models)
  - Angry Birds
  - Happy Hit
  - Curling
  - Music Star
  - Link Up
  - Funny Cube
  - Firework
- Windows Live Essentials
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate

ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[12]

⇨ **1-year parts and labor**
⇨ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[23], **8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
⇨ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1553)
⇨ **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

IdeaCentre™ B540 (Windows 8) - web only models - withdrawn

Part number	Pro-cessor	Memory	Wide-screen display	Multi-Touch screen	Cam-era	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Key-board/ Mouse	HDMI-in AV IN	USB 3.0	Blue-tooth	Win8 preload	Avail date (mm/yy)
57311751	i3-3220	4Gx2	23" FHD		720p	Intel HD 2500	2TB[8]	DVD±RW	11b/g/n	None	Remote	2.4G	None	USB3.0	BT4.0	Win8 64	01/13
57311756	i5-3330S	4Gx2	23" FHD	*Multi*	720p	GF615M 1G	2TB	DVD±RW	11b/g/n	None	Remote	2.4G	None	USB3.0	BT4.0	Win8 64	01/13

- *23" Full HD frameless display supporting state-of-the-art multi-touch* and FPR 3D technologies**
- *Integrated TV tuner**
- *2.4G wireless keyboard and mouse*
- *Integrated 2.0 speakers (3 watts x 2) supporting Dolby Advanced Audio v2*

* Optional feature

Processor	**Intel® Core™ i3-3220 Processor** (**2 cores / 4 threads**, 3.30 GHz, 3M Cache) DDR3 memory controller (up to 1600MHz), integrated Intel HD Graphics 2500, **Intel Core i5-3330S Processor** (**4 cores / 4 threads**, 2.70 GHz, 6M Cache), DDR3 memory controller (up to 1600MHz), Turbo Boost Technology 2.0 (up to 3.20 GHz), integrated Intel HD Graphics 2500
Implementation	Processor in FCLGA1155 socket
Memory	8GB max[7] / **PC3-12800 1600MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1066MHz or 1333MHz DDR3 memory controller
Optical SATA disk SATA controller	DVD burner, dual-layer support, 12.7mm, tray-in **2TB**, SATA 6.0Gb/s, 3.5" wide, 7200 rpm Serial ATA, SATA 3.0Gb/s support, integrated in chipset
Widescreen display Multi-touch FPR 3D Camera Controls	**23.0"** (584.2mm) **Full HD** (1920x1080 WUXGA) **TFT color**, **VibrantView** (glossy), **LED** backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen** *Some:* Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch None Camera on top of screen, HD720p resolution, fixed focus, with digital microphone Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration)
Graphics	*Some:* **Intel HD Graphics 2500**, integrated in processor, uses main memory, DirectX® 11 *Some:* **NVIDIA® GeForce® 615M**, PCI Express x16, 1GB DDR3, DirectX 11
Chipset Multicard reader Ports	**Intel H61 Express Chipset** Multicard reader (MMC, MS, MS PRO, MSXC, SD, SDHC, SDXC) *Rear:* Four USB 2.0 (two USB2.0 and two USB3.0 on some models), ethernet (RJ-45), HDMI-out, HDMI-in (on some models), AV IN (on some models), and TV tuner connector (on TV models); *Side:* Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader
PCIe Mini Card 11b/g/n[28] TV tuner Bluetooth™ Modem Ethernet Audio support	Two PCIe Mini Card slots 11b/g/n wireless[4], PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip None Bluetooth 4.0 wireless None Gigabit ethernet on planar, Realtek® RTL 8111F High Definition (HD) Audio, Realtek ALC272 codec / Dolby® Advanced Audio™ v2, 2.0 speakers (3 watts x 2)
Keyboard Mouse Remote control Power supply	2.4G wireless Ultra Slim keyboard, 6-row, Fn keys, black 2.4G wireless Laser Wheel Mouse, black Remote control, via IR 200 watts, universal, auto-sensing
Dimensions[3] Weight[2] Chassis Stand Wall mount	*Non-3D models: (WxHxD):* 22.70" x 16.22" x 4.34"; 576.6mm x 411.9mm x 110.3mm From 24.25 lb (11.00 kg), vary by configuration *Front:* black with silver; *rear:* black with silver Adjustable stand (between 15° and 40°), supports cable management None

Preloaded operating system[20]
- Windows® 8 64-bit

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- Lenovo Cloud Storage by SugarSync
- CyberLink YouCam
- McAfee® Internet Security (30-Day Trial)
- Cyberlink Power2Go (DVD±RW, BD player)
- Adobe® Reader®
- Nitro PDF
- Cyberlink PowerDVD® (BD player)
- Touch Games (Touch models)
- Education Portal
- Microsoft Office preloaded; purchase product key to activate
- Intel AppUp®
- Lenovo Dynamic Brightness System
- Lenovo Eye Distance System
- AccuWeather
- eBay
- Evernote
- Amazon Kindle
- Lenovo Support
- Rara Streaming
- Lenovo Companion

ENERGY STAR® qualified
RoHS-compliant

IdeaCentre™ B540p (3363) - (web only models) - withdrawn

Type-model	Proc-essor	Memory	Wide-screen display	Multi-Touch screen	FPR 3D	Camera (mega-pixel)	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	TV tuner	OneKey TV	Key-board/ Mouse	Wall mount kit	HDMI-in AV IN	Win7 preload	Ann date (mm/yy)
3363-1BU	i7-3770	4Gx3	23" FHD	*Multi*	None	720p	GT650M 2G	2TB[8]	BD Reader	11b/g/n[28]	None	OneKey TV	2.4G	None	HDMI+AV	Prem 64	09/12
3363-1CU	i7-3770	4Gx4	23" FHD	*Multi*	3D	720p	GT650M 2G	2TB	BD Burner	11b/g/n	None	OneKey TV	2.4G	None	HDMI+AV	Prem 64	09/12
3363-1DU	i5-3450	4Gx2	23" FHD	*Multi*	None	720p	GT650M 1G	2TB	BD Reader	11b/g/n	None	OneKey TV	2.4G	None	HDMI+AV	Prem 64	09/12

- *23" Full HD frameless display supporting state-of-the-art multi-touch* and FPR 3D technologies**
- *Integrated TV tuner**
- *2.4G wireless keyboard and mouse*
- *Integrated 2.0 speakers (5 watts x 2) supporting DOLBY Advanced Audio v2*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

* Optional feature

Processor	**Intel® Core™ i5-3450 Processor** (**4 cores / 4 threads**, 3.10 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.50 GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller **Intel Core i7-3770 Processor** (**4 cores** / **8 threads**, 3.40 GHz, 8M Cache) Turbo Boost Technology 2.0 (up to 3.90 GHz), integrated Intel HD Graphics 4000, integrated 1600MHz dual-channel DDR3 memory controller
Implementation	Processor in FCLGA1155 socket
Memory	16GB max[7] / **PC3-12800 1600MHz DDR3**, non-parity, dual-channel capable, four 204-pin SO-DIMM sockets
Optical	*Some:* Blu-ray™ disc reader (no Blu-ray media burning), DVD recordable, 12.7mm, tray-in *Some:* Blu-ray burner, Blu-ray and DVD disk recordable, 12.7mm, tray-in
SATA disk	**2TB**, SATA 6.0Gb/s, 3.5" wide, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s support, integrated in chipset
Widescreen display	**23.0"** (584.2mm) **Full HD** (1920x1080 WUXGA) **TFT color**, **VibrantView** (glossy), **LED** backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen**
Multi-touch	Projected Capacitive Touch (PCT) technology, hardware supports 10-point multi-touch
FPR 3D	*Some:* Support FPR 3D technology, 2 pairs of FPR glasses
Camera	Camera on top of screen, HD720p resolution, fixed focus, with digital microphone
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration)
OneKey TV	Hardware TV, turns the display into a High-def TV at the click of a button (even without powering on the PC)
Graphics	**NVIDIA® GeForce® GT650M**, PCI Express® x16, 1GB or 2GB DDR3, DirectX 11;
Chipset	**Intel H77 Express Chipset**
Multicard reader	Multicard reader (MMC, MS, MS PRO, SD, SDHC, SDXC)
Ports	*Rear:* Two USB 3.0, two USB 2.0, ethernet (RJ-45), HDMI-out, HDMI-in (on some models), AV IN (on some models); *Side:* Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader
PCIe Mini Card	Two PCIe Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip
TV tuner	None
Bluetooth™	None
Modem	None
Ethernet	Gigabit ethernet on planar, Realtek® RTL 8111F
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / Dolby® Advanced Audio™ v2, 2.0 speakers (5 watts x 2)
Keyboard	2.4G wireless full-size keyboard, 6-row, black
Mouse	2.4G wireless mouse, black
Remote control	IR remote control for hardware TV (OneKey TV)
Power supply	250 watts, universal, auto-sensing
Dimensions[3]	*(WxHxD):* 22.70" x 16.22" x 4.34"; 576.6mm x 411.9mm x 110.3mm
Weight[2]	From 24.25 lb (11.00 kg), vary by configuration
Chassis	*Front:* black with silver decoration; *rear:* black with silver decoration
Stand	Adjustable stand (between 15° and 40°), supports cable management
Wall mount	Meets VESA 100mm mount standard

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- McAfee® Internet Security (30-Day Trial)
- Cyberlink Power2Go (DVD±RW, Blu-ray)
- CyberLink PowerDVD (Blu-ray)
- Lenovo IdeaTouch (Touch models)
  - PowerCinema
  - Lenovo VeriTouch
  - PhotoStudio Paint
  - Lenovo Ebook and Quick Notes
- Touch Games (Touch models)
  - Angry Birds
  - Happy Hit
  - Curling
  - Music Star
  - Link Up
  - Funny Cube
  - Firework
- Windows Live Essentials
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate

ENERGY STAR® qualified
RoHS-compliant

See footnotes for important warranty information
US models withdrawn effective March 2014

Lenovo IdeaCentre Q180

Lenovo IdeaCentre Q180
Discrete graphics models

Lenovo IdeaCentre Q180
(Discrete graphics models)

Lenovo IdeaCentre Q180
Discrete graphics models with optical drive

Optional Lenovo Mini Wireless Keyboard N5902
(57Y6678)

Lenovo IdeaCentre Q180
(Integrated graphics models)

IdeaCentre™ Q180 (Discrete) - withdrawn

Type-model / Part number	Processor	GHz	L2 cache	Memory[8]	SATA disk	External optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Keyboard/ Mouse	Win7 preload	Avail date (mm/yy)
3110-2KU	Atom D2700	2.13	1MB	2GBx1	320GB[2]		HD 6450A	None	None	11b/g/n[28]	Black/Silver	2.4GHz	Prem 64	02/12
3110-2NU	Atom D2700	2.13	1MB	2GBx1	320GB	DVD±RW	HD 6450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	02/12
3110-2LU	Atom D2700	2.13	1MB	4GBx1	320GB	DVD±RW	HD 6450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	07/12
57308562	Atom D2550	1.86	1MB	2GBx1	320GB		HD 7450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	11/12
57308563	Atom D2550	1.86	1MB	4GBx1	320GB	DVD±RW	HD 7450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	11/12

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *Tiny desktop PC, compact space-saving design, just from 22 mm wide*
- *Attaches to the back of selected VESA-compatible monitor for better space saving*
- *(Selected models) Add-on DVD reader/writer or Blu-ray Disk drive*
- *Lossless digital audio output with S/PDIF*
- *Support 1080p full HD multimedia playback and 3D gaming*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Atom™ D2550 processor (2 cores / 4 threads, 1.86GHz, 1MB cache)**, integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology **Intel Atom D2700 processor (2 cores / 4 threads, 2.13GHz, 1MB cache)**, integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology
Memory	**2GB** or **4GB std**, 4GB max[8], **PC3-10600 1333MHz DDR3**, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1066MHz DDR3 memory controller
Graphics	*Some:* **AMD Radeon™ HD 6450A Graphics**, DirectX® 11, **512MB** memory, Full HD (1080p) playback support *Some:* **AMD Radeon HD 7450A Graphics**, DirectX 11, **512MB** memory, Full HD (1080p) playback support External monitor support via analog VGA DB-15 connector / digital HDMI connector
SATA disk SATA controller External optical Multicard reader	320GB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset *Some:* DVD burner, dual-layer support, slot-in 8-in-1 (SD, SDHC, SDXC, MMC, MS, MS Pro, MS Pro Duo, MS XC)
Chipset	**Intel NM10 Express Chipset**
Front ports Rear ports	Two USB 3.0, line-in (stereo, 3.5mm), line-out (stereo, 3.5mm) Four USB 2.0 (external ODD occupies one dedicated USB 2.0 port on some models), ethernet (RJ-45), monitor (VGA DB-15, HDMI), S/PDIF-out
Audio External speakers Internal speaker Ethernet Modem Security chip	High Definition (HD) audio, Realtek® ALC662 codec None None Gigabit ethernet on planar, Realtek RTL8111E-VL None None
11b/g/n[28] TV tuner Remote control Camera	11b/g/n wireless[4], Realtek RTL8188CE None None None
Keyboard Mouse	2.4GHz Wireless Mini Keyboard N5902, palm-sized dimensions, keyboard and mouse (optical finger navigation) combo, via micro-size USB receiver None
Dimensions[3] Weight[2] Chassis Stand Mount bracket	*w/o optical (excludes stand):* (WxHxD): 6.10" x 0.87" x 7.56"; 155mm x 22mm x 192mm *with optical (excludes stand):* (WxHxD): 6.10" x 1.57" x 7.56"; 155mm x 40mm x 192mm From 5.25 lb (2.38 kg) to 8.02 lb (3.64 kg), vary by configuration Black and silver color Detachable stand (silver color) Mount bracket, meets the VESA 75mm and 100mm mount standard

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo Rescue System
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- CyberLink PowerDVD (Blu-ray)

65-watt AC adapter
ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[1]

➥ **1-year parts and labor**
➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)**
➥ **Service upgrade options (in eligible locations):[9]**
  • **2-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1552)
  • **3-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1553)
➥ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

IdeaCentre™ Q180 (3110) - Discrete (web only models) - withdrawn

Type-model	Processor	GHz	L2 cache	Memory[8]	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Keyboard/ Mouse	Win7 preload	Avail date (mm/yy)
3110-2AU	Atom D2700	2.13	1MB	2GBx1	500GB[2]		HD 6450A	None	None	11b/g/n[28]	Black/Silver	USB/USB	Prem 64	11/11
3110-2BU	Atom D2700	2.13	1MB	4GBx1	500GB	DVD±RW	HD 6450A	None	None	11b/g/n	Black/Silver	USB/USB	Prem 64	11/11
3110-2CU	Atom D2700	2.13	1MB	4GBx1	750GB	DVD±RW	HD 6450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	11/11
3110-2DU	Atom D2700	2.13	1MB	4GBx1	750GB	Blu-ray	HD 6450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	11/11
3110-2VU	Atom D2550	1.86	1MB	4GBx1	500GB		HD 7450A	None	None	11b/g/n	Black/Silver	USB/USB	Prem 64	09/12
3110-2WU	Atom D2550	1.86	1MB	4GBx1	500GB	DVD±RW	HD 7450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	10 12
3110-2YU	Atom D2550	1.86	1MB	4GBx1	750GB	Blu-ray	HD 7450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	11/12
3110-2XU	Atom D2550	1.86	1MB	4GBx1	750GB	DVD±RW	HD 7450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	11/12

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *Tiny desktop PC, compact space-saving design, just from 22 mm wide*
- *Attaches to the back of selected VESA-compatible monitor for better space saving*
- *(Selected models) Add-on DVD reader/writer or Blu-ray Disk drive*
- *Lossless digital audio output with S/PDIF*
- *Support 1080p full HD multimedia playback and 3D gaming*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Atom™ D2550 processor (2 cores / 4 threads, 1.86GHz, 1MB cache)**, integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology **Intel Atom D2700 processor (2 cores / 4 threads, 2.13GHz, 1MB cache)**, integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology
Memory	**2GB** or **4GB std**, 4GB max[8], **PC3-10600 1333MHz DDR3**, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1066MHz DDR3 memory controller
Graphics	*Some:* **AMD Radeon™ HD 6450A Graphics**, DirectX® 11, **512MB** memory, Full HD (1080p) playback support *Some:* **AMD Radeon HD 7450A Graphics**, DirectX 11, **512MB** memory, Full HD (1080p) playback support External monitor support via analog VGA DB-15 connector / digital HDMI connector
SATA disk SATA controller External optical Multicard reader	500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset *Some:* DVD burner, dual-layer support, slot-in *Some:* Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, slot-in 8-in-1 (SD, SDHC, SDXC, MMC, MS, MS Pro, MS Pro Duo, MS XC)
Chipset	**Intel NM10 Express Chipset**
Front ports Rear ports Audio	Two USB 3.0, line-in (stereo, 3.5mm), line-out (stereo, 3.5mm) Four USB 2.0 (external ODD occupies one dedicated USB 2.0 port in some models), ethernet (RJ-45), monitor (VGA DB-15, HDMI), S/PDIF-out High Definition (HD) audio, Realtek® ALC662 codec
External speakers Internal speaker Ethernet Modem Security chip	None None Gigabit ethernet on planar, Realtek RTL8111E-VL None None
11b/g/n[28] TV tuner Remote control Camera	11b/g/n wireless[4], Realtek RTL8188CE None None None
Keyboard Mouse	*Some:* Mini Keyboard (USB connector), black *Some:* 2.4GHz Wireless Mini Keyboard N5902, palm-sized dimensions, keyboard and mouse (optical finger navigation) combo, via micro-size USB receiver *Some:* Mini Optical Wheel Mouse (USB connector), black
Dimensions[3] Weight[2] Chassis Stand Mount bracket	*w/o optical (excludes stand): (WxHxD):* 6.10" x 0.87" x 7.56"; 155mm x 22mm x 192mm *with optical (excludes stand): (WxHxD):* 6.10" x 1.57" x 7.56"; 155mm x 40mm x 192mm From 5.25 lb (2.38 kg) to 8.02 lb (3.64 kg), vary by configuration Black and silver color Detachable stand (silver color) Mount bracket, meets the VESA 75mm and 100mm mount standard

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo Rescue System
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- CyberLink PowerDVD (Blu-ray)

65-watt AC adapter
ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[1]

- ➾ **1-year parts and labor**
- ➾ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)**
- ➾ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1553)
- ➾ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US model(s) announced November 28, 2012; November 23, 2011 or September 19 or October 24, 2012
US models withdrawn effective March 2014

Lenovo IdeaCentre Q190

Lenovo IdeaCentre Q190
(with optical drive)

Lenovo IdeaCentre Q190

Lenovo IdeaCentre Q190
(with optical drive)

Optional Lenovo Mini Wireless Keyboard N5902
(57Y6678)

Lenovo IdeaCentre Q190

IdeaCentre™ Q190 (Windows 8) - withdrawn

Type-model / Part number	Processor	GHz	L2 cache	Memory[8]	SATA disk	External optical	Graphics	Chipset	TV tuner	802.11 wireless	Color	Keyboard/ Mouse	Win8 preload	Avail date (mm/yy)
57313339	Celeron 887	1.50	2MB	4GBx1	500GB[2]	DVD±RW	Intel HD graphics	HM70	None	11b/g/n[28]	Black/Silver	N5902	Win8 64	02/13
57313340	Celeron 887	1.50	2MB	4GBx1	320GB		Intel HD graphics	HM70	None	11b/g/n	Black/Silver	N5902	Win8 64	02/13

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *Tiny desktop PC, compact space-saving design, from just 22 mm wide*
- *Attaches to the back of selected VESA-compatible monitor for better space saving*
- *(Selected models) Add-on DVD reader/writer or Blu-ray Disk drive*
- *Lossless digital audio output with S/PDIF*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Celeron® 887 processor (2 cores / 2 threads, 1.50GHz, 2MB cache)**, DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics
Memory	8GB max[8], **PC3-12800 1600MHz DDR3**, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1333MHz DDR3 memory controller
Graphics	**Intel HD Graphics** or **Intel HD Graphics 3000**, integrated in processor, External monitor support via analog VGA DB-15 connector / digital HDMI connector
SATA disk	**320GB** (5400 rpm) or **500GB** (5400 rpm) / SATA 3.0Gb/s, 2.5" wide
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in HM70 or HM76 chipset
External optical	*Some:* DVD burner, dual-layer support, slot-in
Multicard reader	6-in-1 (SD, SDHC, SDXC, MMC, MS, MS Pro)
Chipset	**Mobile Intel HM70 Express Chipset** or **Mobile Intel HM76 Express Chipset**
Front ports	Two USB 3.0, line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)
Rear ports	Four USB 2.0 (external ODD occupies one dedicated USB 2.0 port on some models), ethernet (RJ-45), monitor (VGA DB-15, HDMI), S/PDIF-out, Kensington® Security slot
Audio	High Definition (HD) audio, Realtek® ALC662 codec
External speakers	None
Internal speaker	None
Ethernet	Gigabit ethernet on planar, Realtek RTL8111F-CG
Modem	None
Security chip	None
11b/g/n[28]	11b/g/n wireless[4], Realtek RTL8188EE or RTL8188CE
TV tuner	None
Remote control	None
Camera	None
Keyboard	2.4GHz Wireless Mini Keyboard N5902, palm-sized dimensions, keyboard and mouse (optical finger navigation) combo, via micro-size USB receiver
Mouse	None
Dimensions[3]	*w/o optical (excludes stand): (WxHxD):* 6.10" x 0.87" x 7.56"; 155mm x 22mm x 192mm *with optical (excludes stand): (WxHxD):* 6.10" x 1.57" x 7.56"; 155mm x 40mm x 192mm
Weight[2]	From 5.25 lb (2.38 kg) to 7.01 lb (3.18 kg), vary by configuration
Chassis	Black and silver color
Stand	Detachable stand (silver color)
Mount bracket	Mount bracket, meets the VESA 75mm and 100mm mount standard

Preloaded operating system[20]
- Windows® 8 64-bit

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- Lenovo Cloud Storage by SugarSync
- McAfee® Internet Security (30-Day Trial)
- Adobe® Reader®
- Microsoft Office 2010 preloaded; purchase product key to activate
- Cyberlink Power2Go (DVD±RW models, Blu-ray models)
- Cyberlink PowerDVD (DVD±RW models, Blu-ray models)
- Lenovo Support
- Lenovo Companion

65-watt AC adapter
ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[1]

- 1-year parts and labor
- **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)**
- **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1553)
- **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US models withdrawn effective March 2014

Type-model / Part number	Processor	GHz	L2 cache	Memory[8]	SATA disk	External optical	Graphics	Chipset	TV tuner	802.11 wireless	Color	Keyboard/ Mouse	Win8 preload	Avail date (mm/yy)
57312250	Celeron 887	1.50	2MB	4GBx1	500GB[2]	None	Intel HD graphics	HM70	None	11b/g/n[28]	Black/Silver	USB/USB	Win8 64	12/12
57312246	Celeron 887	1.50	2MB	4GBx1	1TB	None	Intel HD graphics	HM70	None	11b/g/n	Black/Silver	USB/USB	Win8 64	12/12
57312240	i3-2365M	1.40	3MB	4GBx1	1TB	DVD±RW	Intel HD 3000	HM76	None	11b/g/n	Black/Silver	N5902	Win8 64	01/13
57312245	i3-2365M	1.40	3MB	8GBx1	1TB	Blu-ray	Intel HD 3000	HM76	None	11b/g/n	Black/Silver	N5902	Win8 64	02/13

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- *Attaches to the back of selected VESA-compatible monitor for better space saving*
- *(Selected models) Add-on DVD reader/writer or Blu-ray Disk drive*
- *Lossless digital audio output with S/PDIF*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Celeron® 887 processor (2 cores / 2 threads, 1.50GHz, 2MB cache)**, DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics **Intel Core™ i3-2365M processor (2 cores / 4 threads, 1.40GHz, 3MB cache)**, DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics 3000
Memory	8GB max[8], **PC3-12800 1600MHz DDR3**, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1333MHz DDR3 memory controller
Graphics	**Intel HD Graphics** or **Intel HD Graphics 3000**, integrated in processor, External monitor support via analog VGA DB-15 connector / digital HDMI connector
SATA disk SATA controller External optical Multicard reader	**500GB** (5400 rpm) or **1TB** (5400 rpm) / SATA 3.0Gb/s, 2.5" wide Serial ATA, SATA 6.0Gb/s, integrated in HM70 or HM76 chipset *Some:* DVD burner, dual-layer support, slot-in *Some:* Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, slot-in 6-in-1 (SD, SDHC, SDXC, MMC, MS, MS Pro)
Chipset	**Mobile Intel HM70 Express Chipset** or **Mobile Intel HM76 Express Chipset**
Front ports Rear ports Audio	Two USB 3.0, line-in (stereo, 3.5mm), line-out (stereo, 3.5mm) Four USB 2.0 (external ODD occupies one dedicated USB 2.0 port on some models), ethernet (RJ-45), monitor (VGA DB-15, HDMI), S/PDIF-out, Kensington® Security slot High Definition (HD) audio, Realtek® ALC662 codec
External speakers Internal speaker Ethernet Modem Security chip	None None Gigabit ethernet on planar, Realtek RTL8111F-CG None None
11b/g/n[28] TV tuner Remote control Camera	11b/g/n wireless[4], Realtek RTL8188EE or RTL8188CE None None None
Keyboard Mouse	*Some:* Full-size keyboard (USB connector), Fn keys, black *Some:* 2.4GHz Wireless Mini Keyboard N5902, palm-sized dimensions, keyboard and mouse (optical finger navigation) combo, via micro-size USB receiver *Some:* Optical Wheel Mouse (USB connector), black
Dimensions[3] Weight[2] Chassis Stand Mount bracket	*w/o optical (excludes stand): (WxHxD):* 6.10" x 0.87" x 7.56"; 155mm x 22mm x 192mm *with optical (excludes stand): (WxHxD):* 6.10" x 1.57" x 7.56"; 155mm x 40mm x 192mm From 5.25 lb (2.38 kg) to 7.01 lb (3.18 kg), vary by configuration Black and silver color Detachable stand (silver color) Mount bracket, meets the VESA 75mm and 100mm mount standard

Preloaded operating system[20]
- Windows® 8 64-bit

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- Lenovo Cloud Storage by SugarSync
- McAfee® Internet Security (30-Day Trial)
- Adobe® Reader®
- Microsoft Office 2010 preloaded; purchase product key to activate
- Cyberlink Power2Go (DVD±RW models, Blu-ray models)
- Cyberlink PowerDVD (DVD±RW models, Blu-ray models)
- Lenovo Support
- Lenovo Companion

65-watt AC adapter
ENERGY STAR® qualified
RoHS-compliant

Limited Warranty[1]
- ➾ **1-year parts and labor**
- ➾ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)**
- ➾ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1553)
- ➾ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
☞ US model(s) announced February 21, 2013; December 13, 2012 or January 30, 2013
US models withdrawn effective March 2014

Lenovo IdeaCentre D400

Lenovo IdeaCentre D400

Lenovo IdeaCentre D400

Lenovo IdeaCentre D400 (rear view)

Lenovo IdeaCentre D400

Lenovo IdeaCentre D400 (left view)

Type-model	Processor	GHz	L2 cache	Memory[8]	SATA disks		SATA optical	Graphics	eSATA	Ethernet	Color	`Preload	Avail date
3013-1AU	Atom 230	1.60	512KB	1GB	1TB[2]	(1TB, 0, 0, 0)	None	GMA 950	eSATA	Gigabit	Black	Windows Home Server	Sep 09
3013-1BU	Atom 230	1.60	512KB	1GB	2TB	(1TB, 1TB, 0, 0)	None	GMA 950	eSATA	Gigabit	Black	Windows Home Server	Sep 09
3013-1CU	Atom 230	1.60	512KB	1GB	1TB	(1TB, 0, 0, 0)	None	GMA 950	**eSATA**	Gigabit	Black	Windows Home Server	Sep 09
3013-1DU	Atom 230	1.60	512KB	1GB	2TB	(1TB, 1TB, 0, 0)	None	GMA 950	**eSATA**	Gigabit	Black	Windows Home Server	Sep 09

- *A Digital home storage, smaller than a 9 inch cube and built to store/share music, movies, files and more.*
- *Easy plug-and-play set up and convenient remote access.*
- *Provides four 3.5 inch bays for hard disks, up to 8TB capacity.*
- *Easy USB file transfer, pressing one button to copy USB drive contents to the internal hard drives.*

Processor	**Intel® Atom™ Processor 230** with single-core, Hyper-Threading technology, Intel 64 Technology, Execute Disable Bit, 533MHz system bus, and 512KB L2 cache
Implementation	Processor in Micro-FCBGA package in BGA437 socket
Memory	**1GB std**, 2GB max[8], **PC2-6400 800MHz DDR2**, non-parity, one 240-pin DIMM socket *Non-Italics:* standard memory in socket; no sockets available
Graphics	**Intel Graphics Media Accelerator 950 (GMA 950)**, integrated graphics in 945GC, uses main memory, no monitor ports, remote access via network
SATA disks Disk bays	**1TB** or **2TB std**, up to 8TB capacity**,** SATA 3Gb/s, 7200 rpm, Four hard disk bays, tool-less, support hot-swap* * Need to first remove disk in software via Windows Home Server Console
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7
SATA DVD±RW	None
SATA cables	Four SATA cables (each 1-drop to device), Four SATA connectors
eSATA port	One external SATA (eSATA) port in rear
Diskette drive	None
Media reader	None
Chipset	**Intel 945GC Express Chipset**, I/O Controller Hub 7 RAID [ICH7R] (SATA 3.0Gb/s, ethernet MAC, PCI 2.3, USB, LPC bus)
Front ports	One USB 2.0 with USB copy button (Easy USB file transfer function)
Rear ports	Four USB 2.0, one eSATA, ethernet (RJ-45)
Rear audio ports	None
Audio	None
External speakers	None
Internal speaker	None
Ethernet	Gigabit ethernet on planar, Marvell® 88E8071
Modem	None
Security chip	None
Keyboard	None
Mouse	None
Power supply	200 watts, universal, auto autosensing
Security	Security slot (in rear for optional Kensington® Microsaver® cable)

Preloaded operating system[20]
- Genuine Windows® Home Server

Preloaded applications[5]
- LightsOut
- iTunes Server
- LED brightness control
- One Key USB backup
- IP address configuration
- System Information

Client applications (Needs customer installation, Client software CD included)
- Windows Home Server Connector Software
- Lenovo Home Server EasyAccess utilitty

Small Form Factor
- Black color bezel
- 7.9" W X 8.2" D X 8.3" H
- 200mm W X 208.6mm D X 212mm H
- 14.3 lb (6.5 kg) for maximum configuration

Bay ① 3.5", 1" high, external, standard disk
Bay ② 3.5", 1" high, external, optional disk*
Bay ③ 3.5", 1" high, external, optional disk*
Bay ④ 3.5", 1" high, external, optional disk*
* Bay used in some models

Slot 1: half-length, low-profile, PCI Express x4

Data protection features

- Back up all your home digital devices automatically
- Duplicate important data automatically, copy designated data to two internal hard drives for added safety (some models)
- Inbuilt flash drive allows easy recovery and prevents data lost in the event of a system problem

Available at these retailers
- lenovo.com

Limited Warranty[1]

- ➥ **1-year parts and labor**
- ➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)**
- ➥ **Service upgrade options (in eligible locations):**[9]
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➥ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US models withdrawn effective March 2014

Part number	Slot x bay	Processor	GHz	L2 cache	Cores	Memory[8]	Media reader	SATA disk	SATA optical	Graphics	Modem	Monitor	Camera	Vista preload	Avail date
57-078915	4x5	Celeron E1200	1.60	512KB	2	*2GB*	16-in-1	320GB[2]	DVD±RW	GMA 3100			Camera	Home Prem	May 08
57-078894	4x5	Pentium E2140	1.60	1MB	2	*4GB*	16-in-1	500GB	DVD±RW	GMA 3100			Camera	Home Prem	May 08
57-076245	4x5	Pentium E2180	2.00	1MB	2	1GB	16-in-1	320GB	DVD±RW	GMA 3100	Mod			Home Basic	May 08
57-076162	4x5	Pentium E2180	2.00	1MB	2	*2GB*	16-in-1	320GB	DVD±RW	GMA 3100	Mod		Camera	Home Prem	May 08
57-076161	4x5	Pentium E2180	2.00	1MB	2	*3GB*	16-in-1	500GB	DVD±RW	GMA 3100	Mod			Home Prem	May 08
57-076522	4x5	Pentium E2180	2.00	1MB	2	*3GB*	16-in-1	500GB	DVD±RW	GMA 3100	Mod	L222	Camera	Home Prem	May 08

- *Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth*
- *Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows*
- *(Select models) Healthcare eyesight protection software detect distance between user and monitor and adjusts monitor brightness based on environment*
- *(Select models) Lenovo Bright Eye camera and VeriFace face recognition software help control access to your computer by recognizing your face*

Processor	**Intel Celeron Dual-Core Processor E1200** with **dual-core**, Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 512KB L2 cache or **Intel Pentium® Dual-Core Processor E2140** or **E2180** with **dual-core**, Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 1MB L2 cache
Implementation	Processor in FC-LGA6 package in LGA775 socket
Memory	**1GB**, **2GB**, **3GB**, or **4GB std**, 4GB max[8], **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, two 240-pin DIMM sockets *Italics:* standard memory in both sockets; no sockets available; *Non-italics:* standard memory in one socket; 1 socket available
Graphics	**Intel Graphics Media Accelerator 3100 (GMA 3100)**, integrated graphics in G31, uses main memory, one 15-pin analog D-sub connector
SATA disk	**320GB** or **500GB**, SATA 3.0Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7DH
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors
EIDE controller	One
EIDE cables	None
Diskette drive	None
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**Intel G31 Express Chipset**; I/O Controller Hub 7 Digital Home (ICH7DH) for SATA 3.0Gb/s, PCI Express® x1, PCI 2.3, USB, LPC bus / Winbond® W83627DHG Super I/O for serial, parallel, keyboard, mouse functions
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (DB-15)
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)
Audio	High Definition (HD) audio, ALC662 codec
External speakers	None
Internal speaker	None
Ethernet	10/100 ethernet on planar, Intel 82562GZ (PHY/MAC)
Modem	*Some:* 56K[10] V.92 data/fax soft modem, PCI adapter
Security chip	None
TV tuner	None
Camera	*Some:* Lenovo Bright Eye camera, 0.3-megapixel, fixed focus
Keyboard	104-key antibacterial keyboard (PS/2 connector)
Mouse	Optical Wheel Mouse (USB connector), 400 dpi
Power supply	280 watts, universal, manual switch

Tower

- Black and silver bezel
- 7.1" W X 17.0" D X 15.0" H
- 180mm W X 432mm D X 380mm H
- 21.5 lb (9.75 kg)
- Toolless cover removal
- Toolless disk, optical drive removal
- Toolless adapter retention

Bay ① 5.25", 1.6" high, access, standard optical
Bay ② 5.25", 1.6" high, access, open
Bay ③ 3.0", 1" high, access, 16-in-1 media reader
Bay ④ 3.5", 1" high, no access, standard disk
Bay ⑤ 3.5", 1" high, no access, optional disk

Slot 1: half-length, full-height, PCI Express x1 Ver 1.1
Slot 2: half-length, full-height, PCI Express x16 Ver 1.1
Slot 3: half-length, full-height, 32-bit PCI Ver 2.3 *
Slot 4: half-length, full-height, 32-bit PCI Ver 2.3

* modem in slot in some models

Lenovo L222 Wide

- Widescreen 22-inch flat panel monitor
- Active Matrix TFT LCD screen
- Supports WSXGA+ 1680x1050 resolution
- 16:10 aspect ratio
- 22.0" (559mm) viewable image size (diagonal)
- 300 nits brightness (typical)
- 1000:1 contrast ratio (typical)
- 5ms pixel response time
- Dual video input: one analog D-sub connector and one digital DVI-D connector
- HDCP-compliant
- Ergonomic stand tilts and swivels
- High-gloss black case
- Touch-sensitive control button
- Soundbar with speakers included

Lenovo L222 Wide Monitor is only bundled with some models

Preloaded operating system[20]
- *Some:* Genuine Windows® Vista® Home Basic 32
- *Some:* Genuine Windows Vista Home Premium 32
✧ *57-076245:* Vista Basic logo
✧ *Others:* Vista Premium logo

Preloaded applications[5]
- Lenovo® OneKey Recovery
- Lenovo Healthcare Software
- Lenovo Media Studio
- Driver and Application Installation
- Trend Micro™ PC-cillin™ Internet Security 2007
- EarthLink®
- Windows Live™ Toolbar
- Microsoft® Office 2007 Trial (60-day)
- VeriFace®
- Corel® WinDVD® (DVD±RW)
- CyberLink Power2Go (DVD±RW)

Available at these retailers
- B&H™
- J&R™
- Newegg®
- TigerDirect
- ASI Computer Systems

Limited Warranty[1]
- ➾ **1-year parts and labor**
- ➾ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ➾ **Service upgrade options (in eligible locations):[9]**
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➾ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US models announced May 12, 2008
US models withdrawn effective January 18, 2012

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(KW1-1) January 2012

Part number	Slot x bay	Processor	GHz	L2 cache	Cores	Memory[8]	Media reader	SATA disk	SATA optical	Graphics	Modem	Monitor	Cam-era	Vista preload	Avail date
57-076523	4x5	Core 2 Duo E4600	2.40	2MB	2	*3GB*	16-in-1	500GB[2]	DVD±RW	GMA 3100	Mod	None	None	Home Prem	May 08
57-082791	4x5	Core 2 Duo E7200	2.53	3MB	2	*3GB*	16-in-1	500GB	DVD±RW	GMA 3100		None	Cam	Home Prem	Aug 08
57-076158	4x5	Core 2 Quad Q6600	2.40	8MB	4	*3GB*	16-in-1	500GB	DVD±RW	GMA 3100	Mod	None	None	Home Prem	May 08
57-076244	4x5	Core 2 Quad Q6600	2.40	8MB	4	*3GB*	16-in-1	500GB	Blu-ray	HD 2600 PRO	Mod	None	None	Home Prem	May 08
57-082788	4x5	Core 2 Quad Q6600	2.40	8MB	4	*4GB*	16-in-1	500GB	DVD±RW	9300 GE	Mod	None	Cam	Home Prem	Aug 08

- *Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth*
- *Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows*
- *(Select models) Healthcare eyesight protection software detect distance between user and monitor and adjusts monitor brightness based on environment*
- *(Select models) Lenovo Bright Eye camera and VeriFace face recognition software help control access to your computer by recognizing your face*

Processor	**Intel® Core™ 2 Duo Processor E4600** with **dual-core**, Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 2MB L2 cache or **Intel Core 2 Duo Processor E7200** with **dual-core**, Intel 64 Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 3MB L2 cache or **Intel Core 2 Quad Processor Q6600** with **quad-core** (dual-core on dual-die), Intel 64 Technology, Virtualization Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 8MB L2 cache
Implementation	Processor in FC-LGA6 package in LGA775 socket
Memory	**3GB** or **4GB std**, 4GB max[8], **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, two 240-pin DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Graphics	*Some:* **Intel Graphics Media Accelerator 3100 (GMA 3100)**, integrated graphics in G31, uses main memory, one 15-pin analog D-sub connector *Some:* **ATI™ Radeon™ HD 2600 PRO**, PCI Express x16, 256MB memory, DirectX® 10, ATI Avivo™, one D-sub connector and one DVI-D connector, HDCP-compliant *Some:* **NVIDIA® GeForce® 9300 GE**, PCI Express x16, 256MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out, VGA connector, DVI-I connector, HDCP-compliant

Tower

- Black and silver bezel
- 7.1" W X 17.0" D X 15.0" H
- 180mm W X 432mm D X 380mm H
- 21.5 lb (9.75 kg)
- Toolless cover removal
- Toolless disk, optical drive removal
- Toolless adapter retention

Bay ① 5.25", 1.6" high, access, standard optical
Bay ② 5.25", 1.6" high, access, open
Bay ③ 3.0", 1" high, access, 16-in-1 media reader
Bay ④ 3.5", 1" high, no access, standard disk
Bay ⑤ 3.5", 1" high, no access, optional disk

Slot 1: half-length, full-height, PCI Express x1 Ver 1.1
Slot 2: half-length, full-height, PCI Express x16 Ver 1.1**
Slot 3: half-length, full-height, 32-bit PCI Ver 2.3 *
Slot 4: half-length, full-height, 32-bit PCI Ver 2.3

* modem in slot
** used in some models

SATA disk	**500GB**, SATA 3.0Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7DH
SATA DVD±RW	*Some:* Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA Blu-ray™	*Some:* Blu-ray Disc reader (no Blu-ray media burning), supports HD-DVD playback, DVD and CD recordable
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors
EIDE controller	One
EIDE cables	None
Diskette drive	None
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**Intel G31 Express Chipset**; I/O Controller Hub 7 Digital Home (ICH7DH) for SATA 3Gb/s, PCI Express® x1, PCI 2.3, USB, LPC bus / Winbond® W83627DHG Super I/O for serial, parallel, keyboard, mouse functions
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (DB-15, DVI-D in some models)
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)
Audio	High Definition (HD) audio, ALC662 codec
External speakers	None
Internal speaker	None
Ethernet	10/100 ethernet on planar, Intel 82562GZ (PHY/MAC)
Modem	*Some:* 56K[10] V.92 data/fax soft modem, PCI adapter
Security chip	None
TV tuner	None
Camera	*Some:* Lenovo Bright Eye camera, 0.3-megapixel, fixed focus
Keyboard	104-key anti-bacterial keyboard (PS/2 connector)
Mouse	Optical Wheel Mouse (USB connector), 400 dpi
Power supply	280 watts, universal, manual switch

Available at these retailers
- B&H™
- J&R™
- MICROCENTER®
- Newegg®
- TigerDirect

Preloaded operating system[20]
- Genuine Windows® Vista® Home Premium 32
✧ Vista Premium logo

Preloaded applications[5]
- Lenovo® OneKey Recovery
- Lenovo Healthcare Software
- Lenovo Media Studio
- Driver and Application Installation
- Trend Micro™ PC-cillin™ Internet Security 2007
- EarthLink®
- Windows Live™ Toolbar
- Microsoft® Office 2007 Trial (60-day)
- VeriFace™
- Corel® WinDVD® (DVD±RW, Blu-ray)
- CyberLink Power2Go (DVD±RW, Blu-ray)

Limited Warranty[1]
- ➥ **1-year parts and labor**
- ➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ➥ **Service upgrade options (in eligible locations):[9]**
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➥ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US models announced May 12 or July 15, 2008
US models withdrawn effective January 18, 2012

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Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory[8]	Media reader	SATA disk	SATA optical	Graphics	Modem	Monitor	Camera	Vista preload	Avail date
5313-3AU	4x5	Celeron E1200	1.60	512KB	2	1GB		160GB[2]	DVD	GMA 3100		None		Home Basic	Jul 08
5313-3BU	4x5	Celeron E1200	1.60	512KB	2	1GB	16-in-1	250GB	DVD±RW	GMA 3100	Mod	None		Home Prem	Jul 08
5313-4AU	4x5	Pentium E2180	2.00	1MB	2	*2GB*	16-in-1	320GB	DVD±RW	GMA 3100	Mod	None	Camera	Home Prem	Jul 08
5313-4BU	4x5	Pentium E2180	2.00	1MB	2	*3GB*	16-in-1	500GB	DVD±RW	GMA 3100		None	Camera	Home Prem	Jul 08
5313-4DU	4x5	Pentium E2200	2.20	1MB	2	*2GB*		250GB	DVD±RW	GMA 3100		None		Home Prem	Oct 08
5313-4EU	4x5	Pentium E2200	2.20	1MB	2	*3GB*		320GB	DVD±RW	GMA 3100		None		Home Prem	Oct 08
5313-4CU	4x5	Pentium E2200	2.20	1MB	2	*4GB*	16-in-1	500GB	DVD±RW	GMA 3100		None	Camera	Home Prem	Jul 08
5313-5CU	4x5	Pentium E5200	2.50	2MB	2	*4GB*	16-in-1	640GB	DVD±RW	GMA 3100		None		Home Prem	Nov 08

- *Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth*
- *Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows*
- *(Select models) Healthcare eyesight protection software detect distance between user and monitor and adjusts monitor brightness based on environment*
- *(Select models) Lenovo Bright Eye camera and VeriFace face recognition software help control access to your computer by recognizing your face*

Processor	**Intel Celeron Dual-Core Processor E1200** with **dual-core**, Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 512KB L2 cache or **Intel Pentium® Dual-Core Processor E2180**, **E2200**, or **E5200** with **dual-core**, Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus; E2180/E2200: 1MB L2 cache; E5200: 2MB L2 cache
Implementation	Processor in FC-LGA6 package in LGA775 socket
Memory	**1GB**, **2GB**, **3GB**, or **4GB std**, 4GB max[8], **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, two 240-pin DIMM sockets *Italics:* standard memory in both sockets; no sockets available; *Non-italics:* standard memory in one socket; 1 socket available
Graphics	**Intel Graphics Media Accelerator 3100 (GMA 3100)**, integrated graphics in G31, uses main memory, one 15-pin analog D-sub connector
SATA disk	**160GB**, **250GB**, **320GB**, **500GB**, or **640GB** SATA 3Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7DH
SATA DVD	*Some:* DVD-ROM DL SATA 1.5Gb/s 16X-48X Max[4]
SATA DVD±RW	*Some:* Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors
EIDE controller	One
EIDE cables	None
Diskette drive	None
Media reader	*Some:* 16-in-1 media reader, internal USB 2.0
Chipset	**Intel G31 Express Chipset**; I/O Controller Hub 7 Digital Home (ICH7DH) for SATA 3Gb/s, PCI Express® x1, PCI 2.3, USB, LPC bus / Winbond® W83627DHG Super I/O for serial, parallel, keyboard, mouse functions
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (DB-15)
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)
Audio	High Definition (HD) audio, ALC662 codec
External speakers	None
Internal speaker	None
Ethernet	10/100 ethernet on planar, Intel 82562GZ (PHY/MAC)
Modem	*Some:* 56K[10] V.92 data/fax soft modem, PCI adapter
Security chip	None
TV tuner	None
Camera	*Some:* Lenovo Bright Eye camera, 0.3-megapixel, fixed focus
Keyboard	104-key antibacterial keyboard (PS/2 connector)
Mouse	Optical Wheel Mouse (USB connector), 400 dpi
Power supply	280 watts, universal, manual switch

Tower
- Black and silver bezel
- 7.1" W X 17.0" D X 15.0" H
- 180mm W X 432mm D X 380mm H
- 21.5 lb (9.75 kg)
- Toolless cover removal
- Toolless disk, optical drive removal
- Toolless adapter retention

Bay ①	5.25",	1.6" high,	access,	standard optical
Bay ②	5.25",	1.6" high,	access,	open
Bay ③	3.0",	1" high,	access,	16-in-1 media reader
Bay ④	3.5",	1" high,	no access,	standard disk
Bay ⑤	3.5",	1" high,	no access,	optional disk

Slot 1: half-length, full-height, PCI Express x1 Ver 1.1
Slot 2: half-length, full-height, PCI Express x16 Ver 1.1
Slot 3: half-length, full-height, 32-bit PCI Ver 2.3 *
Slot 4: half-length, full-height, 32-bit PCI Ver 2.3

* modem in slot in some models

Preloaded operating system[20]
- *Some:* Genuine Windows® Vista® Home Basic 32
- *Some:* Genuine Windows Vista Home Premium 32
- ◇ *5313-3AU/3BU:* Vista Basic logo
- ◇ *Others:* Vista Premium logo

Preloaded applications[5]
- Lenovo® OneKey Recovery
- Lenovo Healthcare Software
- Lenovo Media Studio
- Driver and Application Installation
- Trend Micro™ PC-cillin™ Internet Security 2007
- EarthLink®
- Windows Live™ Toolbar
- Microsoft® Office 2007 Trial (60-day)
- VeriFace™
- Corel® WinDVD® (DVD, DVD±RW)
- CyberLink Power2Go (DVD, DVD±RW)

Available at these retailers
- lenovo.com
- Fry's

Limited Warranty[1]
- ➥ **1-year parts and labor**
- ➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3], **8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ➥ **Service upgrade options (in eligible locations):**[9]
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➥ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US models announced July 15, October 22, or November 12, 2008
US models withdrawn effective January 18, 2012

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(KW1-3) January 2012

Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory[8]	Media reader	SATA disk	SATA optical	Graphics	Modem	Monitor	Cam-era	Vista preload	Avail date
5313-1FU	4x5	Core 2 Duo E7200	2.53	3MB	2	*4GB*	16-in-1	640GB[2]	DVD±RW	GMA 3100	None	None		Home Prem	Oct 08
5313-2BU	4x5	Core 2 Quad Q6600	2.40	8MB	4	*4GB*	16-in-1	500GB	DVD±RW	GMA 3100	None	None	Cam	Home Prem	Jul 08
5313-2CU	4x5	Core 2 Quad Q6600	2.40	8MB	4	*4GB*	16-in-1	500GB	Blu-ray	9300 GE	None	None		Home Prem	Jul 08
5313-2FU	4x5	Core 2 Quad Q6600	2.40	8MB	4	*4GB*	16-in-1	1TB	Blu-ray	9300 GE	None	None		Home Prem	Oct 08

- *Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth*
- *Lenovo® Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows*
- *(Select models) Healthcare eyesight protection software detect distance between user and monitor and adjusts monitor brightness based on environment*
- *(Select models) Lenovo Bright Eye camera and VeriFace face recognition software help control access to your computer by recognizing your face*

Processor	**Intel® Core 2 Duo™ Processor E7200** with **dual-core**, Intel 64 Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 3MB L2 cache or **Intel Core 2 Quad Processor Q6600** with **quad-core** (dual-core on dual-die), Intel 64 Technology, Virtualization Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 8MB L2 cache
Implementation	Processor in FC-LGA6 package in LGA775 socket
Memory	**4GB std,** 4GB max[8], **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, two 240-pin DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Graphics	*Some:* **Intel Graphics Media Accelerator 3100 (GMA 3100)**, integrated graphics in G31, uses main memory, one 15-pin analog D-sub connector *Some:* **NVIDIA® GeForce® 9300 GE**, PCI Express® x16, 256MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out, VGA connector, DVI-I connector, HDCP-compliant
SATA disk	**500GB**, **640GB**, or **1TB**, SATA 3.0Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7DH
SATA DVD±RW	*Some:* Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA Blu-ray™	*Some:* Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, supports HD-DVD playback, DVD and CD recordable
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors
EIDE controller	One
EIDE cables	None
Diskette drive	None
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**Intel G31 Express Chipset**; I/O Controller Hub 7 Digital Home (ICH7DH) for SATA 3Gb/s, PCI Express® x1, PCI 2.3, USB, LPC bus / Winbond® W83627DHG Super I/O for serial, parallel, keyboard, mouse functions
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (DB-15, DVI-I in some models)
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)
Audio	High Definition (HD) audio, ALC662 codec
External speakers	None
Internal speaker	None
Ethernet	10/100 ethernet on planar, Intel 82562GZ (PHY/MAC)
Modem	None
Security chip	None
TV tuner	None
Camera	*Some:* Lenovo Bright Eye camera, 0.3-megapixel, fixed focus
Keyboard	104-key anti-bacterial keyboard (PS/2 connector)
Mouse	Optical Wheel Mouse (USB connector), 400 dpi
Power supply	280 watts, universal, manual switch

Tower
- Black and silver bezel
- 7.1" W X 17.0" D X 15.0" H
- 180mm W X 432mm D X 380mm H
- 21.5 lb (9.75 kg)
- Toolless cover removal
- Toolless disk, optical drive removal
- Toolless adapter retention

Bay ① 5.25", 1.6" high, access, standard optical
Bay ② 5.25", 1.6" high, access, open
Bay ③ 3.0", 1" high, access, 16-in-1 media reader
Bay ④ 3.5", 1" high, no access, standard disk
Bay ⑤ 3.5", 1" high, no access, optional disk

Slot 1: half-length, full-height, PCI Express x1 Ver 1.1
Slot 2: half-length, full-height, PCI Express x16 Ver 1.1**
Slot 3: half-length, full-height, 32-bit PCI Ver 2.3
Slot 4: half-length, full-height, 32-bit PCI Ver 2.3

** used in some models

Available at these retailers
- lenovo.com
- Fry's

Preloaded operating system[20]	Preloaded applications[5]
- Genuine Windows® Vista® Home Premium 32 ✧ Vista Premium logo	• Lenovo® OneKey Recovery • Lenovo Healthcare Software • Lenovo Media Studio • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2007 • EarthLink® • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Corel® WinDVD® (DVD±RW, Blu-ray) • CyberLink Power2Go (DVD±RW, Blu-ray)

Limited Warranty[1]

⇒ **1-year parts and labor**
⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
⇒ **Service upgrade options (in eligible locations):[9]**
  • **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
⇒ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US models announced July 15 or October 22, 2008
US models withdrawn effective January 18, 2012

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Part number	Slot x bay	Processor	GHz	L2 cache	Cores	Memory[8]	Media reader	SATA disk	SATA optical	Graphics	Monitor	Camera	802.11 wireless	Vista preload	Vista logo	Avail date
57092255	4x5	E5200	2.50	2MB	2	*4GB*	16-in-1	500GB[2]	Blu-ray	GMA 4500			None	Prem 64	Basic	Jan 09
57094704	4x5	E5200	2.50	2MB	2	*4GB*	16-in-1	640GB	DVD±RW	GMA 4500	L222 HD	Camera	None	Prem 64	Basic	Jan 09
57092262	4x5	Q8200	2.33	4MB	4	*4GB*	16-in-1	1TB	Blu-ray	GMA 4500			11b/g	Prem 64	Basic	Mar 09

- *Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth*
- *Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows*

Processor	**Intel® Pentium® Dual-Core Processor E5200** with **dual-core**, Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 2MB L2 cache or **Intel Core 2 Quad Processor Q8200** with **quad-core** (dual-core on dual-die), Intel 64 Technology, Execute Disable Bit, EIST, 1333MHz system bus, and 4MB L2 cache
Implementation	Processor in FC-LGA6 package in LGA775 socket
Memory	**4GB std**, 4GB max[8], **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 240-pin DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Graphics	**Intel Graphics Media Accelerator 4500 (GMA 4500)**, integrated graphics in G43, uses main memory, DirectX® 10, one 15-pin analog VGA DB-15 connector
SATA disk SATA controller SATA DVD±RW SATA Blu-ray™	**500GB** , **640GB**, or **1TB** SATA 3Gb/s, 7200 rpm Serial ATA, SATA 3.0Gb/s, integrated in ICH10 *Some:* Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive *Some:* Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable
SATA cables EIDE controller Diskette drive Media reader	Two SATA cables (each 1-drop to device), four SATA connectors None None 16-in-1 media reader, internal USB 2.0
Chipset	**Intel G43 Express Chipset** (PCI Express® 2.0 x16), I/O Controller Hub 10 [ICH10] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5147-NW Super I/O
Front ports Rear ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm) Six USB 2.0, one serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (VGA DB-15)
Rear audio ports Audio External speakers Internal speaker Ethernet Wireless Modem Security chip	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm) High Definition (HD) audio, ALC662 codec None None 10/100 ethernet on planar, RealTek® RTL8102E *Some:* 11b/g wireless[4], Broadcom BCM4312, PCIe x1 adapter None None
TV tuner Camera	None *Some:* Lenovo Bright Eye camera, 0.3-megapixel, fixed focus
Keyboard Mouse Power supply	104-key antibacterial keyboard (PS/2 connector) Optical Wheel Mouse (USB connector), 400 dpi 280 watts, universal, manual switch

Tower

- Black bezel
- 7.1" W X 17.0" D X 15.0" H
- 180mm W X 432mm D X 380mm H
- 21.5 lb (9.75 kg)
- Toolless cover removal
- Toolless disk, optical drive removal
- Toolless adapter retention

Bay ① 5.25", 1.6" high, access, standard optical
Bay ② 5.25", 1.6" high, access, open
Bay ③ 3.0", 1" high, access, 16-in-1 media reader
Bay ④ 3.5", 1" high, no access, standard disk
Bay ⑤ 3.5", 1" high, no access, optional disk

Slot 1: half-length,full-height, PCI Express x16 Ver 2.0
Slot 2: half-length,full-height, PCI Express x1 Ver 2.0 *
Slot 3: half-length,full-height, 32-bit PCI Ver 2.3
Slot 4: half-length,full-height, 32-bit PCI Ver 2.3

* Wireless adapter in slot in some models

Lenovo L222 Wide (HD)

- Widescreen 22-inch flat panel monitor
- Active Matrix TFT LCD screen
- Supports WUXGA 1920x1200 resolution
- High Definition (HD) ready; supports 1080p video
- 16:10 aspect ratio
- 22.0" (559mm) viewable image size (diagonal)
- 300 nits brightness (typical)
- 1000:1 contrast ratio (typical)
- 5ms pixel response time
- Dual video input: one analog D-sub connector and one digital DVI-D connector
- HDCP-compliant
- Ergonomic stand tilts and swivels
- High-gloss black case
- Touch-sensitive control button
- Soundbar with speakers included

Lenovo L222 Wide (HD) Monitor is only bundled with some models

Preloaded operating system[20]
- Genuine Windows® Vista® Home Premium 64

Preloaded applications[5]
- Lenovo® OneKey Recovery
- Driver and Application Installation
- Trend Micro™ PC-cillin™ Internet Security 2008
- Windows Live™ Toolbar
- Microsoft® Office 2007 Trial (60-day)
- Corel® WinDVD® (DVD±RW, Blu-ray)
- CyberLink Power2Go (DVD±RW, Blu-ray)

Available at these retailers
- Newegg®
- TigerDirect

Limited Warranty[1]

⮞ **1-year parts and labor**
⮞ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
⮞ **Service upgrade options (in eligible locations):**[9]
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
⮞ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US models announced January 27 or March 17, 2009
US models withdrawn effective January 18, 2012

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(KW2-1) January 2012

IdeaCentre™ K220 (5358) - withdrawn

Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory[8]	Media reader	SATA disk	SATA optical	Graphics	Monitor	Camera	802.11 wireless	Vista preload	Vista logo	Avail date
5358-4AU	4x5	E2220	2.40	1MB	2	2GB	16-in-1	250GB[2]	Blu-ray	GMA 4500	None	None		Prem 64	Basic	Jan 09
5358-4BU	4x5	E2220	2.40	1MB	2	*4GB*	16-in-1	640GB	Blu-ray	GMA 4500	None	None		Prem 64	Basic	Jan 09
5358-1FU	4x5	E5200	2.50	2MB	2	*4GB*	16-in-1	500GB	DVD±RW	GMA 4500	None	None		Prem 64	Basic	Jan 09
5358-1BU	4x5	E5200	2.50	2MB	2	*4GB*	16-in-1	640GB	DVD±RW	9300 GE	None	None	11b/g	Prem 64	Prem	Jan 09
5358-2CU	4x5	Q8200	2.33	4MB	4	*4GB*	16-in-1	640GB	DVD±RW	9300 GE	None	None		Prem 64	Prem	Jan 09
5358-2DU	4x5	Q8200	2.33	4MB	4	*4GB*	16-in-1	1TB	Blu-ray	9300 GE	None	None	11b/g	Prem 64	Prem	Jan 09

- *Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth*
- *Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows*

Processor	**Intel® Pentium® Dual-Core Processor E2220** or **E5200** with **dual-core**, Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus; *E2220:* 1MB L2 cache; *E5200:* 2MB L2 cache or **Intel Core™ 2 Quad Processor Q8200** with **quad-core** (dual-core on dual-die), Intel 64 Technology, Execute Disable Bit, EIST, 1333MHz system bus, and 4MB L2 cache
Implementation	Processor in FC-LGA6 package in LGA775 socket
Memory	**2GB** or **4GB std**, 4GB max[8], **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 240-pin DIMM sockets *Italics:* standard memory in both sockets; no sockets available; *Non-italics:* standard memory in one socket; 1 socket available
Graphics	*Some:* **Intel Graphics Media Accelerator 4500 (GMA 4500)**, integrated graphics in G43, uses main memory, DirectX® 10, one 15-pin analog VGA DB-15 connector *Some:* **NVIDIA® GeForce® 9300 GE**, PCI Express® x16, 512MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out for TV-out, VGA DB-15 connector, DVI-I connector, HDCP-compliant
SATA disk	**250GB**, **500GB**, **640GB** or **1TB** SATA 3Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH10
SATA DVD±RW	*Some:* Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA Blu-ray™	*Some:* Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors
EIDE controller	None
Diskette drive	None
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**Intel G43 Express Chipset** (PCI Express® 2.0 x16), I/O Controller Hub 10 [ICH10] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5147-NW Super I/O
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Six USB 2.0, one serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), *1BU/2CU/2DU:* monitor (VGA DB-15, DVI-I), S-Video out; *Others:* monitor (VGA DB-15)
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)
Audio	High Definition (HD) audio, ALC662 codec
External speakers	None
Internal speaker	None
Wireless	*Some:* 11b/g wireless[4], Broadcom BCM4312, PCIe x1 adapter
Ethernet	10/100 ethernet on planar, Realtek® RTL8102E
Modem	None
Security chip	None
TV tuner	None
Camera	None
Keyboard	104-key antibacterial keyboard (PS/2 connector)
Mouse	Optical Wheel Mouse (USB connector), 400 dpi
Power supply	280 watts, universal, manual switch

Tower
- Black bezel
- 7.1" W X 17.0" D X 15.0" H
- 180mm W X 432mm D X 380mm H
- 21.5 lb (9.75 kg)
- Toolless cover removal
- Toolless disk, optical drive removal
- Toolless adapter retention

Bay ① 5.25", 1.6" high, access, standard optical
Bay ② 5.25", 1.6" high, access, open
Bay ③ 3.0", 1" high, access, 16-in-1 media reader
Bay ④ 3.5", 1" high, no access, standard disk
Bay ⑤ 3.5", 1" high, no access, optional disk

Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 **
Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 *
Slot 3: half-length, full-height, 32-bit PCI Ver 2.3
Slot 4: half-length, full-height, 32-bit PCI Ver 2.3

* Wireless adapter in slot in some models
** used in some models

Available at these retailers
- lenovo.com
- Fry's

Limited Warranty[1]
↪ **1-year parts and labor**
↪ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
↪ **Service upgrade options (in eligible locations):[9]**
  • **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
↪ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

Preloaded operating system[20] - Genuine Windows® Vista® Home Premium 64	**Preloaded applications[5]** • Lenovo® OneKey Recovery • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2008 • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Corel® WinDVD® (DVD±RW, Blu-ray) • CyberLink Power2Go (DVD±RW, Blu-ray)

See footnotes for important warranty information
US models announced January 13, 2009
US models withdrawn effective January 18, 2012

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(KW2-2) January 2012

Part number	Slot x bay	Processor	GHz	L2 cache	Cores	Memory[8]	DIMM capacity	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	Cam-era	Vista preload	Avail date
57093697	4x5	E2220	2.40	1MB	2	*5GB*	(2, 2, 1)	16-in-1	500GB[2]	DVD±RW	GMA 3100	None	None	None	Prem 64	Jan 09
57093706	4x5	E5200	2.50	2MB	2	*6GB*	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100	None	None	None	Prem 64	Mar09
57093729	4x5	E7300	2.66	3MB	2	*8GB*	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	GMA 3100	None	None	None	Prem 64	Jan 09
57094418	4x5	Q8200	2.33	4MB	4	*6GB*	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100	None	None	None	Prem 64	Mar09
57093719	4x5	Q8200	2.33	4MB	4	*8GB*	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	GMA 3100	None	None	None	Prem 64	Mar09

- *Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth*
- *Lenovo® Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows*

Processor	**Intel® Pentium® Processor E2220 or E5200** with **dual-core**, Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus; *E2220:* 1MB L2 cache; *E5200:* 2MB L2 cache or **Intel Core 2 Duo™ Processor E7300** with **dual-core**, Intel 64 Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 3MB L2 cache or **Intel Core 2 Quad Processor Q8200** with **quad-core** (dual-core on dual-die), Intel 64 Technology, Execute Disable Bit, EIST, 1333MHz system bus, and 4MB L2 cache
Implementation	Processor in FC-LGA6 package in LGA775 socket
Memory	**5GB**, **6GB**, or **8GB std**, 8GB max[8], **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, four 240-pin DIMM sockets
Graphics	**Intel Graphics Media Accelerator 3100 (GMA 3100)**, integrated graphics in G33, uses main memory, one 15-pin analog VGA DB-15 connector
SATA disk	**500GB**, **640GB**, or **1TB**, SATA 3.0Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH9DH
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors
EIDE controller	None
Diskette drive	None
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**Intel G33 Express Chipset** (PCI Express® x16), I/O Controller Hub 9 Digital Home [ICH9DH] (SATA 3.0Gb/s support, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5617 Super I/O
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (VGA DB-15)
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm), SPDIF-out
Audio	High Definition (HD) audio, ADI1988 codec
External speakers	None
Internal speaker	None
Ethernet	Gigabit ethernet on planar, Intel 82256DC
Wireless	None
Modem	None
Security chip	None
TV tuner	None
Remote control	None
Camera	None
Keyboard	104-key anti-bacterial keyboard (PS/2 connector)
Mouse	Optical Wheel Mouse (USB connector), 400 dpi
Power supply	280 watts, universal, manual switch

Tower
- Black bezel
- 7.1" W X 17.0" D X 15.0" H
- 180mm W X 432mm D X 380mm H
- 21.5 lb (9.75 kg)
- Toolless cover removal
- Toolless disk, optical drive removal
- Toolless adapter retention

Bay ① 5.25", 1.6" high, access,   standard optical
Bay ② 5.25", 1.6" high, access,   open
Bay ③ 3.0",   1" high,   access,   16-in-1 media reader
Bay ④ 3.5",   1" high,   no access, standard disk
Bay ⑤ 3.5",   1" high,   no access, optional disk

Slot 1: half-length, full-height, PCI Express x16 Ver 1.1
Slot 2: half-length, full-height, PCI Express x1 Ver 1.1
Slot 3: half-length, full-height, PCI Express x1 Ver 1.1
Slot 4: half-length, full-height, 32-bit PCI Ver 2.3

Available at these retailers
- TigerDirect

Limited Warranty[1]

- **1-year parts and labor**
- **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- **Service upgrade options (in eligible locations):[9]**
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day**   (78Y1553)
- **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

Preloaded operating system[20]
- Genuine Windows® Vista® Home Premium 64
- ✧ Vista Basic logo

Preloaded applications[5]
- Lenovo® OneKey Recovery
- Driver and Application Installation
- Trend Micro™ PC-cillin™ Internet Security 2007
- Windows Live™ Toolbar
- Microsoft® Office 2007 Trial (60-day)
- Corel® WinDVD® (DVD±RW)
- CyberLink Power2Go (DVD±RW)

See footnotes for important warranty information
US models announced February 24 or March 17, 2009
US models withdrawn effective January 18, 2012

Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory[8]	DIMM capacity	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Vista preload	Avail date
5359-1BU	4x5	E2220	2.40	1MB	2	5GB	(2, 2, 1)	16-in-1	500GB[2]	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-2EU	4x5	E5200	2.50	2MB	2	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-2BU	4x5	E5200	2.50	2MB	2	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-3EU	4x5	E7300	2.66	3MB	2	6GB	(2, 2, 2)	16-in-1	1TB	DVD±RW	GMA 3100			11b/g	Prem 64	Jan 09
5359-3AU	4x5	E7400	2.80	3MB	2	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-4CU	4x5	Q8200	2.33	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-4DU	4x5	Q8200	2.33	4MB	4	8GB	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	9300 GE			11b/g	Prem 64	Jan 09
5359-4GU	4x5	Q8200	2.33	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	9300 GE				Prem 64	Feb 09
5359-5AU	4x5	Q9400	2.66	6MB	4	8GB	(2, 2, 2, 2)	16-in-1	1TB	Blu-ray	9300 GE	TV	Remote	11b/g	Prem 64	Jan 09

- *Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth*
- *Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows*

Processor	**Intel® Pentium® Processor E2220 or E5200** with **dual-core**, 800MHz system bus; *E2220:* 1MB L2 cache; *E5200:* 2MB L2 cache or **Intel Core™ 2 Duo Processor E7300 or E7400** with **dual-core** 1066MHz system bus, and 3MB L2 cache or **Intel Core 2 Quad Processor Q8200 or Q9400** with **quad-core** (dual-core on dual-die), 1333MHz system bus; *Q8200:* 4MB L2 cache; *Q9400:* 6MB L2 cache
Implementation	Processor in FC-LGA6 package in LGA775 socket
Memory	**5GB**, **6GB**, or **8GB std**, 8GB max[8], **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, four 240-pin DIMM sockets
Graphics	*Some:* **Intel Graphics Media Accelerator 3100 (GMA 3100)**, integrated graphics in G33, uses main memory, one 15-pin analog VGA DB-15 connector *Some:* **NVIDIA® GeForce® 9300 GE**, PCI Express® x16, 512MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out for TV-out, VGA DB-15 connector, DVI-I connector, HDCP-compliant
SATA disk	**500GB**, **640GB**, or **1TB** SATA 3Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH9DH
SATA DVD±RW	*Some:* Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA Blu-ray™	*Some:* Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors
EIDE controller	None
Diskette drive	None
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**Intel G33 Express Chipset** (PCI Express® x16), I/O Controller Hub 9 Digital Home [ICH9DH] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5617 Super I/O
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), *4DU/5AU:* monitor (VGA DB-15, DVI-I), S-Video out; *Others:* monitor (VGA DB-15)
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm), SPDIF-out
Audio	High Definition (HD) audio, ADI1988 codec
External speakers	None
Internal speaker	None
Ethernet	Gigabit ethernet on planar, Intel 82256GC
Wireless	*Some:* 11b/g wireless[4], Broadcom® BCM4312, PCIe x1 adapter
Modem	None
Security chip	None
TV tuner	*Some:* Hybrid tuner, support analog (NTSC) and digital (ATSC) signal , Hauppauge WinTV-HVR-1250,PCIe x 1
Remote control	*Some:* Philips® Vista MCE remote control (40-button), IR receiver via USB
Camera	None
Keyboard	104-key antibacterial keyboard (PS/2 connector)
Mouse	Optical Wheel Mouse (USB connector), 400 dpi
Power supply	280 watts, universal, manual switch

Tower
- Black color bezel
- 7.1" W X 17.0" D X 15.0" H
- 180mm W X 432mm D X 380mm H
- 21.5 lb (9.75 kg)
- Toolless cover removal
- Toolless disk, optical drive removal
- Toolless adapter retention

Bay ① 5.25", 1.6" high, access, standard optical
Bay ② 5.25", 1.6" high, access, open
Bay ③ 3.0", 1" high, access, 16-in-1 media reader
Bay ④ 3.5", 1" high, no access, standard disk
Bay ⑤ 3.5", 1" high, no access, optional disk

Slot 1: half-length,full-height, PCI Express x16 Ver 1.1 **
Slot 2: half-length,full-height, PCI Express x1 Ver 1.1 *
Slot 3: half-length,full-height, PCI Express x1 Ver 1.1 *
Slot 4: half-length,full-height, 32-bit PCI Ver 2.3

* Wireless adapter or TV tuner in slot in some models
** used in some models

Available at these retailers
- lenovo.com
- Fry's

Preloaded operating system[20]
- Genuine Windows® Vista® Home Premium 64
- ✧ *5359-4DU/5AU:* Vista Premium logo
- ✧ *Others:* Vista Basic logo

Preloaded applications[5]
- Lenovo® OneKey Recovery
- Driver and Application Installation
- Trend Micro™ PC-cillin™ Internet Security 2008
- Windows Live™ Toolbar
- Microsoft® Office 2007 Trial (60-day)
- Corel® WinDVD® (DVD±RW, Blu-ray)
- CyberLink Power2Go (DVD±RW, Blu-ray)

See footnotes for important warranty information
US models announced January 13 or February 24, 2009
US models withdrawn effective January 18, 2012

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(KW3-2) January 2012

IdeaCentre™ **K230 (5359) - August 2009 - withdrawn**

Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory[8]	DIMM capacity	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Vista preload	Avail date
5359-2HU	4x5	E5200	2.50	2MB	2	6GB	(2, 2, 2)	16-in-1	500GB[2]	DVD±RW	GMA 3100				Prem 64	Aug 09
5359-3NU	4x5	E7500	2.93	3MB	2	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100			11b/g	Prem 64	Aug 09
5359-3JU	4x5	E7500	2.93	3MB	2	6GB	(2, 2, 2)	16-in-1	500GB	DVD±RW	GMA 3100				Prem 64	Aug 09
5359-3LU	4x5	E7500	2.93	3MB	2	8GB	(2, 2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Aug 09
5359-4PU	4x5	Q8200	2.33	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100	TV	Remote	11b/g	Prem 64	Aug 09
5359-4QU	4x5	Q8200	2.33	4MB	4	8GB	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	9300 GE			11b/g	Prem 64	Aug 09

- *Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth*
- *Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows*

Processor	**Intel® Pentium® Processor E5200** with **dual-core**, 800MHz system bus, and 2MB L2 cache or **Intel Core™ 2 Duo Processor E7500** with **dual-core** 1066MHz system bus, and 3MB L2 cache or **Intel Core 2 Quad Processor Q8200** with **quad-core** (dual-core on dual-die), 1333MHz system bus, and 4MB L2 cache
Implementation	Processor in FC-LGA6 package in LGA775 socket
Memory	**6GB** or **8GB std**, 8GB max[8], **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, four 240-pin DIMM sockets
Graphics	*Some:* **Intel Graphics Media Accelerator 3100 (GMA 3100)**, integrated graphics in G33, uses main memory, one 15-pin analog VGA DB-15 connector *Some:* **NVIDIA® GeForce® 9300 GE**, PCI Express® x16, 512MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out for TV-out, VGA DB-15 connector, DVI-I connector, HDCP-compliant
SATA disk	**500GB**, **640GB**, or **1TB** SATA 3Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH9DH
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors
EIDE controller	None
Diskette drive	None
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**Intel G33 Express Chipset** (PCI Express® x16), I/O Controller Hub 9 Digital Home [ICH9DH] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5617 Super I/O
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), *4QU:* monitor (VGA DB-15, DVI-I), S-Video out; *Others:* monitor (VGA DB-15)
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm), SPDIF-out
Audio	High Definition (HD) audio, ADI1988 codec
External speakers	None
Internal speaker	None
Ethernet	Gigabit ethernet on planar, Intel 82256GC
Wireless	*Some:* 11b/g wireless[4], Broadcom® BCM4312, PCIe x1 adapter
Modem	None
Security chip	None
TV tuner	*Some:* Hybrid tuner, support analog (NTSC) and digital (ATSC) signal , Hauppauge WinTV-HVR-1250,PCIe x 1
Remote control	*Some:* Philips® Vista MCE remote control (40-button), IR receiver via USB
Camera	None
Keyboard	104-key antibacterial keyboard (PS/2 connector)
Mouse	Optical Wheel Mouse (USB connector), 400 dpi
Power supply	280 watts, universal, manual switch

Tower
- Black color bezel
- 7.1" W X 17.0" D X 15.0" H
- 180mm W X 432mm D X 380mm H
- 21.5 lb (9.75 kg)
- Toolless cover removal
- Toolless disk, optical drive removal
- Toolless adapter retention

Bay ① 5.25", 1.6" high, access, standard optical
Bay ② 5.25", 1.6" high, access, open
Bay ③ 3.0", 1" high, access, 16-in-1 media reader
Bay ④ 3.5", 1" high, no access, standard disk
Bay ⑤ 3.5", 1" high, no access, optional disk

Slot 1: half-length,full-height, PCI Express x16 Ver 1.1 **
Slot 2: half-length,full-height, PCI Express x1 Ver 1.1 *
Slot 3: half-length,full-height, PCI Express x1 Ver 1.1 *
Slot 4: half-length,full-height, 32-bit PCI Ver 2.3

* Wireless adapter or TV tuner in slot in some models
** used in some models

Preloaded operating system[20]
- Genuine Windows® Vista® Home Premium 64
- ✧*5359-4QU:* Vista Premium logo
- ✧*Others:* Vista Basic logo

Preloaded applications[5]
- Lenovo® OneKey Recovery
- Driver and Application Installation
- Trend Micro™ PC-cillin™ Internet Security 2008
- Windows Live™ Toolbar
- Microsoft® Office 2007 Trial (60-day)
- Corel® WinDVD® (DVD±RW)
- CyberLink Power2Go (DVD±RW)

Limited Warranty[1]
- ➥ **1-year parts and labor**
- ➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ➥ **Service upgrade options (in eligible locations):**[9]
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➥ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US models announced August 19, 2009
US models withdrawn effective January 18, 2012

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(KW3-3) January 2012

Lenovo IdeaCentre K300

Lenovo IdeaCentre K300

Lenovo IdeaCentre K300
(monitor not included)

Lenovo IdeaCentre K300
Power control switch

Lenovo IdeaCentre K300
toolless disk drive removal

Lenovo IdeaCentre K300
top button

IdeaCentre™ K300 (5316) - Windows 7 - withdrawn

Type-model	Slot x bay	Pro-cessor	GHz	L2 cache	Cores	Memory[8]	DIMM capacity	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Win 7 preload	Avail date
5316-1AU	4x5	Q8300	2.50	4MB	4	*6GB*	(2, 2, 2)	16-in-1	640GB[2]	DVD±RW	GMA X4500				Prem 64	Oct 09
5316-1BU	4x5	Q8300	2.50	4MB	4	*6GB*	(2, 2, 2)	16-in-1	640GB	DVD±RW	HD4350	TV	Remote	11b/g[11]	Prem 64	Oct 09
5316-1GU	4x5	Q8300	2.50	4MB	4	*6GB*	(2, 2, 2)	16-in-1	640GB	Blu-ray	HD4650				Prem 64	Oct 09
5316-1CU	4x5	Q8300	2.50	4MB	4	*8GB*	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	HD4650			11b/g	Prem 64	Oct 09
5316-2AU	4x5	E5300	2.60	2MB	2	*3GB*	(1, 2)	16-in-1	320GB	DVD±RW	GMA X4500				Prem 64	Oct 09
5316-2CU	4x5	E7500	2.93	3MB	2	*4GB*	(2, 2)	16-in-1	640GB	DVD±RW	GMA X4500				Prem 64	Oct 09
5316-1EU	4x5	Q8300	2.50	4MB	4	*8GB*	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	HD4650	TV	Remote		Prem 64	Oct 09

- *Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Pentium® Processor E5300** with **dual-core**, Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 2MB L2 cache or **Intel Core 2 Duo™ Processor E7500** with **dual-core**, Intel 64 Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 3MB L2 cache or **Intel Core 2 Quad Processor Q8300** with **quad-core** (dual-core on dual-die), Intel 64 Technology, Execute Disable Bit, EIST, 1333MHz system bus, and 4MB L2 cache	
Implementation	Processor in FC-LGA6 package in LGA775 socket	
Memory	**3GB**, **4GB**, **6GB**, or **8GB std**, 8GB max[8], dual-channel capable, **PC3-8500 1066MHz DDR3**, non-parity, four 240-pin DIMM sockets	
Graphics	*Some:* **Intel Graphics Media Accelerator X4500 (GMA X4500)**, integrated graphics in G43, uses main memory, DirectX® 10, one 15-pin analog VGA DB-15 connector
	Some: **ATI™ Radeon™ HD 4350**, PCI Express® x16, **512MB** memory, DirectX® 10, ATI Avivo™ HD, VGA, DVI-I, HDCP-compliant
	Some: **ATI™ Radeon™ HD 4650**, PCI Express® x16, **1GB** memory, DirectX® 10, ATI Avivo™ HD, VGA, HDMI, DisplayPort, HDCP-compliant

Tower
- Black bezel
- 7.09" W X 17.32" D X 15.35" H
- 180mm W X 440mm D X 390mm H
- 24.6 lb (11.2 kg)
- Toolless cover removal
- Toolless disk, optical drive removal
- Toolless adapter retention

Bay ① 5.25", 1.6" high, access,   standard optical
Bay ② 5.25", 1.6" high, access,   open
Bay ③ 3.0", 1" high, access,   16-in-1 media reader
Bay ④ 3.5", 1" high, no access, standard disk
Bay ⑤ 3.5", 1" high, no access, optional disk

Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 **
Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 *
Slot 3: half-length, full-height, PCI Express x1 Ver 2.0
Slot 4: half-length, full-height, 32-bit PCI Ver 2.3

* Wireless adapter in slot in some models
** Graphics adapter in slot in some models

SATA disk	**320GB**, **640GB**, or **1TB** SATA 3Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH10R, RAID 0 support
SATA DVD±RW	*Some:* Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA Blu-ray™	*Some:* Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable
SATA cables	Two SATA cables (each 1-drop to device), five SATA connectors
EIDE controller	None
Diskette drive	None
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**Intel G43 Express Chipset** (PCI Express® 2.0 x16), I/O Controller Hub 10 RAID [ICH10R] (SATA 3.0Gb/s with RAID 0 support, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5147-NW Super I/O
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Six USB 2.0, one serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), *HD 4650 models:* monitor (VGA DB-15, HDMI, DisplayPort) *HD 4350 models:* monitor (VGA DB-15, DVI-I) *Others:* monitor (VGA DB-15)
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)
Audio	High Definition (HD) audio, ALC662 codec
External speakers	None
Internal speaker	None
Wireless	*Some:* 11b/g wireless[4], Broadcom BCM4312, PCIe x1 adapter
Ethernet	10/100 ethernet on planar, Realtek® RTL8102E
Modem	None
Security chip	None
TV tuner	*Some:* Hybrid tuner, support analog (NTSC) and digital (ATSC) signal ,,PCIe x 1
Remote control	*Some:* Philips® Win7 MCE remote control (40-button), IR receiver via USB
Camera	None
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black
Mouse	Optical Wheel Mouse (USB connector), 1000 dpi, black
Power supply	280 watts, universal, manual switch

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[5] (only some listed)
- Lenovo® OneKey Recovery
- Driver and Application Installation
- McAfee VirusScan® Plus (60 days of virus definitions)
- Lenovo Power Dial
- Lenovo Healthcare Software
- Corel® WinDVD® (Blu-ray)
- CyberLink Power2Go (DVD±RW, Blu-ray)

Limited Warranty[1]
- ☞ **1-year parts and labor**
- ☞ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ☞ **Service upgrade options (in eligible locations):**[9]
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day**   (78Y1553)
- ☞ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US models announced October 22, 2009
US models withdrawn effective December 2010

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(TNA1-1) December 2010

IdeaCentre™ K305 (0890) - Windows 7 - withdrawn

Type-model	Slot x bay	Processor	GHz	Memory[8]	DIMM capacity	Media reader	SATA disk	SATA optical	Integrated graphics	TV tuner	Remote control	802.11 wireless	Win 7 preload	Avail date
0890-1BU	4x5	Athlon II X2 215	2.70	*4GB*	(2, 2)	16-in-1	320GB[2]	DVD±RW	Radeon 3000	None	None	None	Prem 64	Mar 10
0890-1AU	4x5	Phenom II X4 810	2.60	*6GB*	(2, 2, 2)	16-in-1	640GB	DVD±RW	Radeon 3000	None	None	None	Prem 64	Mar 10

- *Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*

Processor	**AMD® Athlon™ II X2 Processor 215** with **dual-core**, 4000MHz HyperTransport™ Bus, AMD Virtualization™ (AMD-V™) technology, AMD64 technology, integrated DDR3 memory controller, and 1MB L2 cache (512KB per core) **AMD Phenom™ II X4 Processor 810** with **quad-core**, 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 technology, integrated DDR3 memory controller, 2MB L2 cache (512KB per core), and 4MB shared L3 cache
Implementation	Processor in Socket AM3
Memory	**4GB** or **6GB std**, 8GB max[8], dual-channel capable, **PC3-8500 1066MHz DDR3**, non-parity, four 240-pin DIMM sockets
Graphics	**ATI™ Radeon™ 3000**, integrated graphics in 760G, uses main memory, DirectX® 10, ATI Avivo™, SurroundView™, one analog VGA DB-15 connector
SATA disk	**320GB** or **640GB** SATA 3Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in SB710, RAID 0 support
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA Blu-ray™	None
SATA cables	Two SATA cables (each 1-drop to device), five SATA connectors
EIDE controller	None
Diskette drive	None
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**AMD 760G Chipset** with HyperTransport 3.0 and PCI Express® 2.0 support; SB710 south bridge
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Six USB 2.0, one serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (VGA DB-15)
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)
Audio	High Definition (HD) audio, ALC662 codec
External speakers	None
Internal speaker	None
Wireless	None
Ethernet	10/100 ethernet on planar, Marvell® 88E8040
Modem	None
Security chip	None
TV tuner	None
Remote control	None
Camera	None
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black
Mouse	Optical Wheel Mouse (USB connector), 1000 dpi, black
Power supply	280 watts, universal, manual switch

Preloaded operating system[20]
- Genuine Windows® 7
  Home Premium 64

Preloaded applications[5] (only some listed)
- Lenovo® OneKey Recovery
- Driver and Application Installation
- McAfee® VirusScan® Plus
  (60 days of virus definitions)
- Lenovo Power Dial
- Lenovo Healthcare Software
- Windows Live™ Essential
- Microsoft® Office 2007 Trial (60-day)
- Roxio® BackOnTrack™
- CyberLink Power2Go (DVD±RW)

Tower
- Black bezel
- 7.09" W X 17.32" D X 15.35" H
- 180mm W X 440mm D X 390mm H
- 24.6 lb (11.2 kg)
- Toolless cover removal
- Toolless disk, optical drive removal
- Toolless adapter retention

Bay ① 5.25", 1.6" high, access, standard optical
Bay ② 5.25", 1.6" high, access, open
Bay ③ 3.0", 1" high, access, 16-in-1 media reader
Bay ④ 3.5", 1" high, no access, standard disk
Bay ⑤ 3.5", 1" high, no access, optional disk

Slot 1: half-length,full-height, PCI Express x16 Ver 2.0
Slot 2: half-length,full-height, PCI Express x1 Ver 2.0
Slot 3: half-length,full-height, PCI Express x1 Ver 2.0
Slot 4: half-length,full-height, 32-bit PCI Ver 2.3

Limited Warranty[1]
- ➯ **1-year parts and labor**
- ➯ **Customer Replaceable Unit (CRU) parts only** (with limited onsite service for selected parts[3], 8 am - 5 pm)
- ➯ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
  - **1-year Post warraty, Onsite Repair 9x5 Next Business Day** (78Y1557)
- ➯ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US models announced March 24, 2010
US models withdrawn effective December 2010

IdeaCentre™ K320 (3019) - Windows 7 - withdrawn

Type-model	Slot x bay	Pro-cessor	GHz	Max turbo (GHz)	Cache	Cores	Memory[8]	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Win 7 preload	Avail date
3019-1AU	4x5	i3-530	2.93		4MB	2	2GBx3	640GB[2]	DVD±RW	Intel HD	TV	Remote	11b/g[11]	Prem 64	Jan 10
3019-1BU	4x5	i5-750	2.66	3.20	8MB	4	2GBx3	640GB	DVD±RW	GeForce 310	TV	Remote	11b/g	Prem 64	Jan 10
3019-1CU	4x5	i7-860	2.80	3.46	8MB	4	2GBx4	1TB	Blu-ray	HD4650			11b/g	Prem 64	Jan 10
3019-1LU	4x5	i7-860	2.80	3.46	8MB	4	2GBx4	1TB	DVD±RW	GeForce GT 320			11b/g/n[28]	Prem 64	Sep 10
3019-2GU	4x5	i3-550	3.20		4MB	2	2GBx3	1TB	DVD±RW	Intel HD				Prem 64	Sep 10

- *Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo) [except 3019-2GU]*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Core™ i3 Processor i3-530 or i3-550** with **dual-core**, Intel 64, Hyper-Threading Technology, integrated 1333MHz dual-channel DDR3 memory controller, 4MB cache or **Intel Core i5 Processor i5-750** with **quad-core**, Intel 64, Turbo Boost Technology (up to 3.20 GHz at max turbo mode), integrated 1333MHz dual-channel DDR3 memory controller, 8MB cache or **Intel Core i7 Processor i7-860** with **quad-core**, Intel 64, Hyper-Threading Technology, Turbo Boost Technology (up to 3.46 GHz at max turbo mode), integrated 1333MHz dual-channel DDR3 memory controller, 8MB cache
Implementation	Processor in LGA1156 socket
Memory	**6GB** or **8GB std**, 8GB max[8], dual-channel capable, **PC3-8500 1066MHz DDR3**, non-parity, four 240-pin DIMM sockets
Graphics	*Some:* **Intel HD Graphics**, integrated graphics in processor, uses main memory, DirectX® 10, one 15-pin analog VGA DB-15 connector, one HDMI connector, HDCP *Some:* **NVIDIA® GeForce® 310**, PCI Express® x16, **512MB**, DirectX 10.1, NVIDIA PureVideo®, NVIDIA CUDA™, one analog VGA DB-15 connector, one HDMI connector, HDCP *Some:* **NVIDIA GeForce GT 320**, PCI Express x16, **1GB** memory, DirectX 10.1, NVIDIA PureVideo, NVIDIA CUDA, one analog VGA DB-15 connector, one HDMI connector, HDCP *Some:* **ATI™ Radeon™ HD 4650**, PCI Express x16, **1GB** memory, DirectX 10.1, ATI Avivo™ HD, one analog VGA DB-15 connector, one HDMI connector, one DisplayPort™ connector, HDCP
SATA disk	**640GB** or **1TB**, SATA 3Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset, RAID 0 support
SATA optical	*Some:* Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive *Some:* Blu-ray™ Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable
SATA cables	Two SATA cables (each 1-drop to device), five SATA connectors
EIDE controller	None
Diskette drive	None
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**Intel H57 Express Chipset**
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	Six USB 2.0, keyboard (PS/2), ethernet (RJ-45), *HD4650 models:* VGA DB-15, HDMI, and DisplayPort *Others:* VGA DB-15 and HDMI
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), S/PDIF-out
Audio	High Definition (HD) audio, ALC888S codec
External speakers	None
Internal speaker	None
Wireless	*Some:* 11b/g wireless[4], Broadcom BCM4312, PCIe x1 adapter *Some:* 11b/g/n wireless[4], Atheros® chip, PCIe x1 adapter
Ethernet	Gigabit ethernet on planar, Intel 82578DC
Modem	None
Security chip	None
TV tuner	*Some:* Hybrid tuner, support analog (NTSC) and digital (ATSC) signal, PCIe x 1
Remote control	*Some:* Philips® Win7 MCE remote control (40-button), IR receiver via USB
Camera	None
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black
Mouse	Optical Wheel Mouse (USB connector), 1000 dpi, black
Power supply	280 watts, universal, manual switch

Tower

- Black bezel
- 7.09" W X 17.32" D X 15.35" H
- 180mm W X 440mm D X 390mm H
- 24.6 lb (11.2 kg)
- Toolless cover removal
- Toolless disk, optical drive removal
- Toolless adapter retention

Bay ① 5.25", 1.6" high, access, standard optical
Bay ② 5.25", 1.6" high, access, open
Bay ③ 3.0", 1" high, access, 16-in-1 media reader
Bay ④ 3.5", 1" high, no access, standard disk
Bay ⑤ 3.5", 1" high, no access, optional disk

Slot 1: half-length,full-height, PCI Express x16 Ver 2.0 **
Slot 2: half-length,full-height, PCI Express x1 Ver 2.0 **
Slot 3: half-length,full-height, PCI Express x1 Ver 2.0 *
Slot 4: half-length,full-height, 32-bit PCI Ver 2.3

* Wireless adapter or TV tuner in slot in some models
** Graphics adapter in slot in some models

3019-2GU does not have power control switch

Limited Warranty[1]

- ➭ **1-year parts and labor**
- ➭ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm)**
- ➭ **Service upgrade options (in eligible locations):[9]**
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➭ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[5] (only some listed)
- Lenovo® OneKey Recovery
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Lenovo Power Dial*
- Corel® WinDVD® (Blu-ray)
- CyberLink Power2Go* (DVD±RW, Blu-ray)

* 3019-2GU does not have those softwares

See footnotes for important warranty information
US models announced February 3, 2010 or September 8, 2010
US models withdrawn effective November 2011

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(TNA2-1) November 2011

IdeaCentre™ K320 (3019) - Windows 7 (web only models) - withdrawn

Type-model	Slot x bay	Pro-cessor	GHz	Cache	Cores	Memory[8]	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Win 7 preload	Avail date
3019-1DU	4x5	i3-530	2.93	4MB	2	*2GBx2* 1066	16-in-1	500GB[2]	DVD±RW	Intel HD	None	None	None	Prem 64	Apr 10
3019-1EU	4x5	i5-750	2.66	8MB	4	*2GBx2* 1066	16-in-1	640GB	DVD±RW	GeForce 310	None	None	None	Prem 64	Apr 10
3019-2OU	4x5	i5-750	2.66	8MB	4	*2GBx3* 1333	16-in-1	1TB	DVD±RW	GeForce GT 330	None	None	None	Prem 64	Dec 10
3019-2PU	4x5	i7-870	2.93	8MB	4	*2GBx4* 1333	16-in-1	1TB	Blu-ray	HD 5570	None	None	None	Prem 64	Dec 10

- *Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Core™ i3 Processor i3-530** with **dual-core**, Intel 64, Hyper-Threading Technology, integrated 1333MHz dual-channel DDR3 memory controller, 4MB cache or **Intel Core i5 Processor i5-750** with **quad-core**, Intel 64, Turbo Boost Technology (up to 3.20 GHz at max turbo mode), integrated 1333MHz dual-channel DDR3 memory controller, 8MB cache **Intel Core i7 Processor i7-870** with **quad-core**, Intel 64, Hyper-Threading Technology, Turbo Boost Technology (up to 3.60 GHz at max turbo mode), integrated 1333MHz dual-channel DDR3 memory controller, 8MB cache
Implementation	Processor in LGA1156 socket
Memory	**4GB**, **6GB**, or **8GB std**, 8GB max[8], dual-channel capable, **PC3-8500 1066MHz DDR3** or **PC3-10600 1333 MHz DDR3**, non-parity, four 240-pin DIMM sockets
Graphics	*Some:* **Intel HD Graphics**, integrated graphics in processor, uses main memory, DirectX® 10, one 15-pin analog VGA DB-15 connector, one HDMI connector, HDCP *Some:* **NVIDIA® GeForce® 310**, PCI Express® x16, **512MB**, DirectX 10.1, NVIDIA PureVideo®, NVIDIA CUDA™, one analog VGA DB-15 connector, one HDMI connector, HDCP *Some:* **NVIDIA GeForce GT 330**, PCI Express x16, **1GB** memory, DirectX 10, NVIDIA PureVideo, NVIDIA CUDA, one analog VGA DB-15 connector, one HDMI connector, HDCP *Some:* **ATI™ Radeon™ HD 5570**, PCI Express x16, **1GB** memory, DirectX 11, ATI Avivo™ HD, one analog VGA DB-15 connector, one HDMI connector, HDCP
SATA disk	**500GB**, **640GB**, or **1TB**, SATA 3Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset, RAID 0 support
SATA optical	*Some:* Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive *Some:* Blu-ray™ Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable
SATA cables	Two SATA cables (each 1-drop to device), five SATA connectors
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**Intel H57 Express Chipset**
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	Six USB 2.0, keyboard (PS/2), ethernet (RJ-45), monitor (VGA DB-15, HDMI)
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), S/PDIF-out
Audio	High Definition (HD) audio, ALC888S codec
External speakers	None
Internal speaker	None
Wireless	None
Ethernet	Gigabit ethernet on planar, Intel 82578DC
Modem	None
Security chip	None
TV tuner	None
Remote control	None
Camera	None
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black
Mouse	Optical Wheel Mouse (USB connector), black
Power supply	280 watts, universal, manual switch

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[5] (only some listed)
- Lenovo® OneKey Recovery
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Lenovo Power Dial
- Lenovo Healthcare Software
- CyberLink Power2Go (DVD±RW)

Tower

- Black bezel
- 7.09" W X 17.32" D X 15.35" H
- 180mm W X 440mm D X 390mm H
- 24.6 lb (11.2 kg)
- Toolless cover removal
- Toolless disk, optical drive removal
- Toolless adapter retention

Bay ①	5.25", 1.6" high,	access,	standard optical
Bay ②	5.25", 1.6" high,	access,	open
Bay ③	1" high,	access,	16-in-1 media reader
Bay ④	3.5", 1" high,	no access,	standard disk
Bay ⑤	3.5", 1" high,	no access,	optional disk

Slot 1: half-length, full-height, PCI Express x16 Ver 2.0
Slot 2: half-length, full-height, PCI Express x1 Ver 2.0
Slot 3: half-length, full-height, PCI Express x1 Ver 2.0
Slot 4: half-length, full-height, 32-bit PCI Ver 2.3

Limited Warranty[1]

- ➥ **1-year parts and labor**
- ➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm)**
- ➥ **Service upgrade options (in eligible locations):[9]**
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➥ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US models announced April 7, 2010 or December 15, 2010
US models withdrawn effective November 2011

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Type-model	Slot x bay	Pro-cessor	GHz	Max turbo (GHz)	Cache	Cores	Memory[8]	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Win 7 preload	Avail date
7727-1SU	4x4	i7-2600	3.40	3.80	8MB	4	4GBx3	1TB[2]	DVD±RW	GeForce GT 420	None	None	None	Prem 64	Feb 11
7727-1TU	4x4	i7-2600	3.40	3.80	8MB	4	4GBx2	1TB	DVD±RW	GeForce GT 420	None	None	None	Prem 64	Feb 11
7727-2KU	4x4	i5-2300	2.80	3.10	6MB	4	4GBx2	1TB	DVD±RW	GeForce GT 420	None	None	None	Prem 64	Feb 11
7727-2LU	4x4	i5-2300	2.80	3.10	6MB	4	2GBx3	1TB	DVD±RW	GeForce GT 420	None	None	None	Prem 64	Feb 11
7727-4HU	4x4	i7-2600	3.40	3.80	8MB	4	4GBx3	1.5TB	DVD±RW	Radeon HD 6450	None	None	11b/g/n	Prem 64	Jul 11

- *Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

Processor	**Intel® Core™ i5-2300 Processor** (**4 cores / 4 threads**, 2.80 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.10 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller **Intel Core i7-2600 Processor** (**4 cores / 8 threads**, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.80 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller
Implementation	Processor in LGA1155 socket
Memory	16GB max[8], dual-channel capable, **PC3-10600 1333MHz DDR3**, non-parity, four 240-pin DIMM sockets
Graphics	*Some:* **NVIDIA® GeForce® GT 420**, PCI Express® x16, **1GB** memory, DirectX® 11, NVIDIA CUDA™ Technology, one VGA DB-15 connector, one HDMI connector, HDCP-compliant *Some:* **AMD Radeon™ HD 6450**, PCI Express x16, **1GB** memory, DirectX 11, one VGA DB-15 connector, one HDMI connector, HDCP-compliant
SATA disk	**1TB** or **1.5TB,** SATA 3 0Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0 support
SATA optical	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA cables	Two SATA cables (each 1-drop to device), two SATA 3.0Gb/s connectors, two SATA 6.0Gb/s connectors, and one eSATA connector
EIDE controller	None
Diskette drive	None
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**Intel P67 Express Chipset**
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	Six USB 2.0, keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), one eSATA, monitor (VGA DB-15, HDMI)
Rear audio ports	Line-in (3.5mm), line-out [Front out L/R] (3.5mm), microphone-in (3.5mm), Cen/LFE (3.5mm), Rear out L/R (3.5mm), Side surround out L/R (3.5mm)
Audio	High Definition (HD) audio, ALC892 codec
External speakers	None
Internal speaker	None
Wireless	*Some:* 11b/g/n wireless[4], Realtek® RTL8818CE, PCIe x1 adapter
Ethernet	Gigabit ethernet on planar, Intel 82579
Modem	None
Security chip	None
TV tuner	None
Remote control	None
Camera	None
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black
Mouse	Optical Wheel Mouse (USB connector), black
Power supply	280 watts, universal, manual switch
Machine	- Black bezel - 7.09" W X 17.32" D X 15.35" H - 180mm W X 440mm D X 390mm H - 24.6 lb (11.2 kg) - Toolless cover removal - Toolless disk, optical drive removal - Toolless adapter retention
Bay Slot	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Slot 1: half-length,full-height, PCI Express x16 Ver 2.0 ** Slot 2: half-length,full-height, PCI Express x16 Ver 2.0 ** Slot 3: half-length,full-height, PCI Express x1 Ver 2.0 * Slot 4: half-length,full-height, PCI Express x1 Ver 2.0 * * Wireless adapter or TV tuner in slot in some models ** Graphics adapter in slot in some models

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[5] (only some listed)
- Lenovo® OneKey Recovery
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Lenovo Power Dial
- CyberLink Power2Go (DVD±RW)
- Microsoft Office 2010 preloaded; purchase product key to activate
- Lenovo Dynamic Brightness System
- Lenovo Eye Distance System
- Windows Live Essentials
- Backontrack

Limited Warranty[1]
- ➥ **1-year parts and labor**
- ➥ **Customer Replaceable Unit (CRU) parts only** (with limited onsite service for selected parts[3], 8 am - 5 pm)
- ➥ **Service upgrade options** (in eligible locations):[9]
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➥ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US model(s) announced February 16 or July 6, 2011
US model(s) withdrawn effective April 2013

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(TNA4-1) April 2013

Type-model	Slot x bay	Pro-cessor	GHz	Max turbo (GHz)	Memory[8]	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	USB3.0	Keyboard/ Mouse	Win 7 preload	Avail date
7727-4GU	4x4	i7-2600	3.40	3.80	4GBx3	1TB[2]	DVD±RW	GeForce GT 420	None	None			PS/2 / USB	Prem 64	Apr 11
7727-4FU	4x4	i7-2600	3.40	3.80	4GBx2	1TB	DVD±RW	GeForce GT 420	None	None			PS/2 / USB	Prem 64	Apr 11
7727-4EU	4x4	i5-2300	2.80	3.10	4GBx2	1TB	DVD±RW	GeForce GT 420	None	None			PS/2 / USB	Prem 64	Apr 11
7727-4DU	4x4	i5-2300	2.80	3.10	2GBx3	1TB	DVD±RW	GeForce GT 420	None	None			PS/2 / USB	Prem 64	Apr 11
7727-5CU	4x4	i7-2600	3.40	3.80	4GBx3	2TB	Blu-ray	Radeon HD 6450	None	None	11b/g/n	USB3.0	PS/2 / USB	Prem 64	Nov 11
7727-5DU	4x4	i7-2600	3.40	3.80	4GBx3	1.5TB	DVD±RW	Radeon HD 6450	None	None	11b/g/n	USB3.0	PS/2 / USB	Prem 64	Nov 11
7727-5SU	4x4	i7-2600	3.40	3.80	4GBx3	2TB	DVD±RW	Radeon HD 6450	None	None	11b/g/n	USB3.0	USB / USB	Prem 64	Feb 12

- *Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

Processor	**Intel® Core™ i5-2300 Processor** (**4 cores / 4 threads**, 2.80 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.10 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller **Intel Core i7-2600 Processor** (**4 cores / 8 threads**, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.80 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller
Implementation	Processor in LGA1155 socket
Memory	16GB max[8], dual-channel capable, **PC3-10600 1333MHz DDR3**, non-parity, four 240-pin DIMM sockets
Graphics	*Some:* **NVIDIA® GeForce® GT 420**, PCI Express® x16, **1GB** memory, DirectX® 11, one VGA connector, one HDMI connector, HDCP-compliant *Some:* **AMD Radeon™ HD 6450**, PCI Express x16, **1GB** memory, DirectX 11, one VGA connector, one HDMI connector, HDCP-compliant
SATA disk	**1TB**, **1.5TB**, or **2TB** SATA 3 0Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0 support
SATA optical	*Some:* Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive *Some:* Blu-ray™ Disc reader (no Blu-ray media burning), BD-ROM, DVD / CD recordable
SATA cables	Two SATA cables (each 1-drop to device), two SATA 3.0Gb/s connectors, two SATA 6.0Gb/s connectors, and one eSATA connector
EIDE controller	None
Diskette drive	None
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**Intel P67 Express Chipset**
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	Six USB 2.0, two USB 3.0 on some models, keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), one eSATA, monitor (VGA DB-15, HDMI)
Rear audio ports	Line-in (3.5mm), line-out [Front out L/R] (3.5mm), microphone-in (3.5mm), Cen/LFE (3.5mm), Rear out L/R (3.5mm), Side surround out L/R (3.5mm)
Audio	High Definition (HD) audio, ALC892 codec
External speakers	None
Internal speaker	None
Wireless	*Some:* 11b/g/n wireless[4], Realtek® RTL8818CE, PCIe x1 adapter
Ethernet	Gigabit ethernet on planar, Intel 82579
Modem	None
Security chip	None
TV tuner	None
Remote control	None
Camera	None
Keyboard	*Some:* Full-size keyboard (PS/2 connector), Fn keys, black *Some:* Full-size keyboard (USB connector), Fn keys, black
Mouse	Optical Wheel Mouse (USB connector), black
Power supply	280 watts, universal, manual switch
Machine	• Black bezel • 7.09" W X 17.32" D X 15.35" H • 180mm W X 440mm D X 390mm H • 24.6 lb (11.2 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention
Bay	Bay ① 5.25", 1.6" high, access, standard optical
Slot	Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 ** Slot 2: half-length, full-height, PCI Express x16 Ver 2.0 ** Slot 3: half-length, full-height, PCI Express x1 Ver 2.0 * Slot 4: half-length, full-height, PCI Express x1 Ver 2.0 * * Wireless adapter or TV tuner in slot in some models ** Graphics adapter in slot in some models

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[5] (only some listed)
- Lenovo® OneKey Recovery
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Lenovo Power Dial
- CyberLink Power2Go (DVD±RW, Blu-ray)
- Microsoft Office 2010 preloaded; purchase product key to activate
- Lenovo Dynamic Brightness System
- Lenovo Eye Distance System
- Windows Live Essentials
- Backontrack

Limited Warranty[1]

⇨ **1-year parts and labor**
⇨ **Customer Replaceable Unit (CRU) parts only** (with limited onsite service for selected parts[3], 8 am - 5 pm)
⇨ **Service upgrade options** (in eligible locations):[9]
 • **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
 • **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
⇨ **24x7**[14] **toll-free support** for warranty issues during the warranty period[1] via 877-453-6686

IdeaCentre™ K330 (7727) - Windows 7 (web only models) - withdrawn

Type-model	Slot x bay	Pro-cessor	GHz	Max turbo (GHz)	Memory[8]	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	AC adapter	Keyboard/ Mouse	Win 7 preload	Avail date
7727-3FU	4x4	i7-2600	3.40	3.80	4GBx3	2TB[2]	Blu-ray	NVIDIA GTX 460	None	None	None	450W	PS/2 / USB	Prem 64	Mar 11
7727-3GU	4x4	i5-2500	3.30	3.70	4GBx2	1TB	Blu-ray	NVIDIA GT 440	None	None	None	280W	PS/2 / USB	Prem 64	Mar 11
7727-3HU	4x4	i5-2300	2.80	3.10	2GBx3	1TB	DVD±RW	ATI HD 5750	None	None	None	450W	PS/2 / USB	Prem 64	Mar 11
7727-5FU	4x4	i5-2500	3.30	3.70	4GBx2	1TB	Blu-ray	NVIDIA GT 545	None	None	None	280W	USB / USB	Prem 64	Feb 12
7727-5GU	4x4	i7-2600	3.40	3.80	4GBx2	2TB	DVD±RW	NVIDIA GT 545	None	None	None	280W	USB / USB	Prem 64	Feb 12
7727-5RU	4x4	i7-2600	3.40	3.80	4GBx3	2TB	Blu-ray	NVIDIA GT 545	None	None	None	280W	USB / USB	Prem 64	Feb 12

- *Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

Processor	**Intel® Core™ i5-2300 Processor** (**4 cores / 4 threads**, 2.80 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.10 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller **Intel Core i5-2500 Processor** (**4 cores / 4 threads**, 3.30 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.70 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller **Intel Core i7-2600 Processor** (**4 cores / 8 threads**, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.80 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller
Implementation	Processor in LGA1155 socket
Memory	16GB max[8], dual-channel capable, **PC3-10600 1333MHz DDR3**, non-parity, four 240-pin DIMM sockets
Graphics	*Some:* **NVIDIA® GeForce® GTX 460**, PCI Express® x16, **1GB** memory, DirectX® 11, occupy two slots, two DVI-I, one mini HDMI, HDCP-compliant *Some:* **NVIDIA GeForce GT 440**, PCI Express x16, **1.5GB** memory, DirectX 11, one VGA connector, one DVI-I connector, one HDMI connector, HDCP-compliant *Some:* **NVIDIA GeForce GT 545**, PCI Express x16, **1.5GB** memory, DirectX 11, one VGA connector, one DVI-I connector, one HDMI connector, HDCP-compliant *Some:* **ATI™ Radeon™ HD 5750**, PCI Express x16, **1GB** memory, DirectX 11, occupy two slots, one VGA, one HDMI, HDCP-compliant
SATA disk	**1TB** or **2TB**, SATA 3.0Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0 support
SATA optical	*Some:* Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive *Some:* Blu-ray™ Disc reader (no Blu-ray media burning), BD-ROM, DVD / CD recordable
SATA cables	Two SATA cables (each 1-drop to device), two SATA 3.0Gb/s connectors, two SATA 6.0Gb/s connectors, and one eSATA connector
Diskette drive	None
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**Intel P67 Express Chipset**
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	Six USB 2.0, keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), one eSATA
Rear audio ports	Line-in (3.5mm), line-out [Front out L/R] (3.5mm), microphone-in (3.5mm), Cen/LFE (3.5mm), Rear out L/R (3.5mm), Side surround out L/R (3.5mm)
Audio	High Definition (HD) audio, ALC892 codec
Speaker	None
Wireless	None
Ethernet	Gigabit ethernet on planar, Intel 82579
Modem	None
Security chip	None
TV tuner	None
Remote control	None
Camera	None
Keyboard	*Some:* Full-size keyboard (PS/2 connector), Fn keys, black *Some:* Full-size keyboard (USB connector), Fn keys, black
Mouse	Optical Wheel Mouse (USB connector), black
Power supply	*Some:* 280 watts, universal, manual switch *Some:* 450 watts, universal, auto-sensing
Machine	• Black bezel • 7.09" W X 17.32" D X 15.35" H; 180mm W X 440mm D X 390mm H • 24.6 lb (11.2 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention
Bay	Bay ① 5.25", 1.6" high, access, standard optical
Slot	Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 ** Slot 2: half-length, full-height, PCI Express x16 Ver 2.0 ** Slot 3: half-length, full-height, PCI Express x1 Ver 2.0 * Slot 4: half-length, full-height, PCI Express x1 Ver 2.0 * * Wireless adapter or TV tuner in slot in some models ** Graphics adapter in slot in some models, some graphics adapters occupy two slots

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[5] (only some listed)
- Lenovo® OneKey Recovery
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Lenovo Power Dial
- CyberLink Power2Go (DVD±RW, Blu-ray)
- Corel® WinDVD® (Blu-ray)
- Microsoft Office 2010 preloaded; purchase product key to activate
- Lenovo Dynamic Brightness System
- Lenovo Eye Distance System
- Windows Live Essentials
- Backontrack

Limited Warranty[1]
- ➫ **1-year parts and labor**
- ➫ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm)**
- ➫ **Service upgrade options (in eligible locations):[9]**
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➫ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US model(s) announced March 9, 2011 or February 29, 2012
US model(s) withdrawn effective April 2013

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(TNA4-2) April 2013

IdeaCentre™ K330B (7747) - withdrawn

Type-model	Slot x bay	Pro-cessor	GHz	Max turbo (GHz)	Memory[8]	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	USB3.0	Keyboard / Mouse	Win 7 preload	Avail date
7747-1EU	4x4	i3-2100	3.10		2+4GB	1TB[2]	DVD±RW	Intel HD 2000	None	None			PS/2 / USB	Prem 64	Aug 11
7747-1KU	4x4	i5-2310	2.90	3.20	2+4GB	1TB	DVD±RW	Intel HD 2000	None	None			PS/2 / USB	Prem 64	Aug 11
7747-1QU	4x4	i5-2310	2.90	3.20	4GBx2	1.5TB	DVD±RW	Radeon HD 6450	None	None	11b/g/n		PS/2 / USB	Prem 64	Aug 11
7747-1GU	4x4	i7-2600	3.40	3.80	4GBx2	1.5TB	DVD±RW	Radeon HD 6450	None	None	11b/g/n		PS/2 / USB	Prem 64	Aug 11
7747-2AU	4x4	i3-2120	3.30		2+4GB	1TB	DVD±RW	Intel HD 2000	None	None	11b/g/n	USB3.0	PS/2 / USB	Prem 64	Nov 11
7747-2BU	4x4	i5-2320	3.00	3.30	4GBx2	1TB	DVD±RW	Intel HD 2000	None	None	11b/g/n	USB3.0	PS/2 / USB	Prem 64	Nov 11
7747-2CU	4x4	i5-2320	3.00	3.30	4GBx2	1.5TB	DVD±RW	Radeon HD 6450	None	None	11b/g/n	USB3.0	PS/2 / USB	Prem 64	Nov 11
7747-2DU	4x4	i5-2320	3.00	3.30	4GBx2	2TB	Blu-ray	Radeon HD 6450	None	None	11b/g/n	USB3.0	PS/2 / USB	Prem 64	Nov 11
7747-2JU	4x4	i3-2120	3.30		2+4GB	1TB	DVD±RW	Intel HD 2000	None	None	11b/g/n		USB / USB	Prem 64	Mar 12
7747-2FU	4x4	i5-2320	3.00	3.30	4GBx2	1.5TB	DVD±RW	Intel HD 2000	None	None	11b/g/n		USB / USB	Prem 64	Mar 12

- *Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

Processor	**Intel® Core™ i3-2100 Processor** (**2 cores / 4 threads**, 3.10 GHz, 3M Cache), DDR3 memory controller (up to 1333MHz)
	Intel Core i3-2120 Processor (**2 cores / 4 threads**, 3.30 GHz, 3M Cache), DDR3 memory controller (up to 1333MHz)
	Intel Core i5-2310 Processor (**4 cores / 4 threads**, 2.90 GHz, 6M Cache), Turbo Boost Technology 2.0 (up to 3.20 GHz), DDR3 memory controller (up to 1333MHz)
	Intel Core i5-2320 Processor (**4 cores / 4 threads**, 3.00 GHz, 6M Cache), Turbo Boost Technology 2.0 (up to 3.30 GHz), DDR3 memory controller (up to 1333MHz)
	Intel Core i7-2600 Processor (**4 cores / 8 threads**, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.80 GHz), DDR3 memory controller (up to 1333MHz)
Implementation	Processor in LGA1155 socket
Memory	8GB max[8], dual-channel capable, **PC3-10600 1333MHz DDR3**, non-parity, two 240-pin DIMM sockets
Graphics	*Some:* **Intel HD Graphics 2000,** integrated in processor, uses main memory, DirectX® 10.1, one VGA connector, one HDMI connector, HDCP-compliant
	Some: **AMD Radeon™ HD 6450**, PCI Express x16, **1GB** memory, DirectX 11, one VGA connector, one HDMI connector, HDCP-compliant
SATA disk	**1TB**, **1.5TB**, or **2TB,** SATA 3 0Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset
SATA optical	*Some:* Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
	Some: Blu-ray™ Disc reader (no Blu-ray media burning), BD-ROM, DVD / CD recordable
SATA cables	Two SATA cables (each 1-drop to device), four SATA 3.0Gb/s connectors
EIDE controller	None
Diskette drive	None
Media reader	16-in-1 media reader, internal USB 2.0
Chipset	**Intel H61 Express Chipset**
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)
Rear ports	Four USB 2.0, two USB 3.0 on some models, keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (VGA DB-15, HDMI)
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm),
Audio	High Definition (HD) audio, ALC662 codec
External speakers	None
Internal speaker	None
Wireless	*Some:* 11b/g/n wireless[4], Realtek® RTL8818CE, PCIe x1 adapter
Ethernet	Gigabit ethernet on planar, Intel 82579V
Modem	None
Security chip	None
TV tuner	None
Remote control	None
Camera	None
Keyboard	*Some:* Full-size keyboard (PS/2 connector), Fn keys, black
	Some: Full-size keyboard (USB connector), Fn keys, black
Mouse	Optical Wheel Mouse (USB connector), black
Power supply	280 watts, universal, manual switch
Machine	• Black bezel
	• 7.09" W X 17.32" D X 15.35" H
	• 180mm W X 440mm D X 390mm H
	• 24.6 lb (11.2 kg)
	• Toolless cover removal
	• Toolless disk, optical drive removal
	• Toolless adapter retention
Bay	Bay ① 5.25", 1.6" high, access, standard optical
Slot	Bay ② 5.25", 1.6" high, access, open
	Bay ③ 3.5", 1" high, no access, standard disk
	Bay ④ 3.5", 1" high, no access, optional disk
	Slot 1: half-length,full-height, PCI Express x16 Ver 2.0 **
	Slot 2: half-length,full-height, PCI Express x1 Ver 2.0 *
	Slot 3: half-length,full-height, PCI Express x1 Ver 2.0 *
	Slot 4: half-length,full-height, PCI Express x1 Ver 2.0 *
	* Wireless adapter or TV tuner in slot in some models
	** Graphics adapter in slot in some models

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[5] (only some listed)
- Lenovo® OneKey Recovery
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Lenovo Power Dial
- CyberLink Power2Go (DVD±RW, Blu-ray)
- Microsoft Office 2010 preloaded; purchase product key to activate
- Lenovo Dynamic Brightness System
- Lenovo Eye Distance System
- Windows Live Essentials
- Backontrack

Limited Warranty[1]

- ➩ **1-year parts and labor**
- ➩ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm)**
- ➩ **Service upgrade options (in eligible locations):[9]**
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day**   (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day**   (78Y1553)
- ➩ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US model(s) announced August 10 or November 23, 2011 or March 21, 2012
US model(s) withdrawn effective April 2013

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(TNA5-1) April 2013

Lenovo IdeaCentre A300

Lenovo IdeaCentre A300

Lenovo IdeaCentre A300

Lenovo IdeaCentre A300

Lenovo IdeaCentre A300

Lenovo IdeaCentre A300
Wireless keyboard and mouse

Type-model	Proc-essor	GHz	Memory	Widescreen display	Camera (mega-pixel)	Graphics	SATA disk	External optical	PCIe Mini Card 802.11	TV tuner	Remote control	Bluetooth	KBD/ Mouse	Win7 preload	Avail date
4018-1DU	T4400	2.20	*3GB*	21.5" WUXGA	0.3M	GMA 4500MHD	320GB[8]	None	11b/g/n[28]		None	Bluetooth	BT/BT	Prem 64	Mar 10
4018-1EU	T6600	2.20	*4GB*	21.5" WUXGA	0.3M	GMA 4500MHD	500GB	None	11b/g/n	TV	None	Bluetooth	BT/BT	Prem 64	Mar 10

- **All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display**
- **(Seleted models) Integrated TV tuner**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	**Intel® Pentium® Processor T4400** with **dual-core**, 800MHz system bus, and 1MB L2 cache or **Intel Core™ 2 Duo processor T6600** with **dual-core**, 800MHz system bus, and 2MB L2 cache
Memory	**3GB** or **4GB** std / 4GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
External DVD±RW	None
SATA disk	**320GB** or **500GB**, SATA 3.0Gb/s, 2.5" wide, 5400 rpm
Widescreen display	**21.5"** (546.1mm) **WUXGA (1920x1080) TFT color**, **VibrantView** (glossy)**,** CCFL backlight, 250 nits**,** 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen**
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with mono microphone
Controls	Touch-sensitive buttons for brightness control, Novo Vision (internet / video / text), mode switch (panel off / PC / HDMI IN)
Graphics	**Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, integrated graphics in GM45, uses main memory, DirectX® 10
Chipset	**Mobile Intel GM45 Express Chipset**, ICH9M I/O Controller Hub
Multicard reader	8-in-1 reader (MultiMedia Card, RS-MMC, Memory Stick, Memory Stick PRO™, Memory Stick Duo, Secure Digital Card, miniSD, xD-Picture Card™)
Ports	*Rear:* Two USB 2.0, ethernet (RJ-45), TV antenna connector on some models; IEEE 1394 FireWire 400 (4-pin connector), HDMI in/out *Side:* Two USB 2.0
PCIe Mini Card 11b/g/n[28]	Two PCIe Mini Card slots 11b/g/n wireless[4], PCIe Mini Card, Broadcom® chip or Atheros chip
TV tuner	*Some:* AverMedia® Hybrid tuner, support analog and digital signal, PCIe Mini Card
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator
Modem	None
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111DL
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / stereo speakers (2 watt x 2) / mono microphone, microphone input jack (3.5 mm), headphone jack / S/PDIF-out (3.5 mm)
Security	Power-on password, supervisor password, security lockhole
Keyboard	Wireless keyboard via Bluetooth®, 6-row, multimedia Fn keys, white
Mouse	Wireless laser mouse via Bluetooth, 1200 dpi, white
Remote control	None
Dimensions[3]	*With base (WxHxD):* 20.63" x 15.59" x 8.27"; 524mm x 396mm x 210mm *Screen depth:* 0.73"; 18.5mm
Weight[2]	22.9 lb (10.4 kg)
Chassis	White color, ABS plastic
View adjustments	*Tilt:* 18° back, 3° forward; *swivel:* +/-10°

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- Media Show
- Lenovo CamSuite
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Windows Live™ Essential
- Microsoft® Office 2007 Trial (60-day)

120-watt AC adapter
RoHS-compliant

Limited Warranty[1]

⇨ **1-year parts and labor**
⇨ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm)**
⇨ **Service upgrade options (in eligible locations):**[9]
- **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
- **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)

⇨ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US model(s) announced March 11, 2010
US model(s) withdrawn effective April 2013

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(SMU1-2) April 2013

IdeaCentre™ A300 (4018) - Windows 7 (web only models) - withdrawn

Type-model	Proc-essor	GHz	Memory	Widescreen display	Camera (mega-pixel)	Graphics	SATA disk	External optical	PCIe Mini Card 802.11	TV tuner	Remote control	Bluetooth	KBD/ Mouse	Win7 preload	Avail date
4018-1MU	T4400	2.20	2GB	21.5" WUXGA	0.3M	GMA 4500MHD	320GB[8]	None	11b/g/n[28]	TV	None	Bluetooth	BT/BT	Prem 64	Mar 10
4018-1NU	T4400	2.20	*4GB*	21.5" WUXGA	0.3M	GMA 4500MHD	500GB	None	11b/g/n	TV	None	Bluetooth	BT/BT	Prem 64	Mar 10
4018-1OU	T6600	2.20	*4GB*	21.5" WUXGA	0.3M	GMA 4500MHD	500GB	None	11b/g/n	TV	None	Bluetooth	BT/BT	Prem 64	Mar 10
4018-4BU	T6570	2.10	*4GB*	21.5" WUXGA	0.3M	GMA 4500MHD	500GB	None	11b/g/n	TV	None	Bluetooth	BT/BT	Prem 64	Feb 11

- ***All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display***
- ***(Seleted models) Integrated TV tuner***
- ***Lenovo Rescue System provides OneKey recovery without booting into Windows***

Processor	**Intel® Pentium® Processor T4400** with **dual-core**, 800MHz system bus, and 1MB L2 cache or **Intel Core™ 2 Duo processor T6570** or **T6600** with **dual-core**, 800MHz system bus, and 2MB L2 cache
Memory	**2GB** or **4GB** std / 4GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Non-italics:* standard memory in one socket; one socket available *Italics:* standard memory in both sockets; no sockets available
External DVD±RW	None
SATA disk	**320GB** or **500GB**, SATA 3.0Gb/s, 2.5" wide, 5400 rpm
Widescreen display	**21.5"** (546.1mm) **WUXGA (1920x1080) TFT color**, **VibrantView** (glossy)**,** CCFL backlight, 250 nits**,** 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen**
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with mono microphone
Controls	Touch-sensitive buttons for brightness control, Novo Vision (internet / video / text), mode switch (panel off / PC / HDMI IN)
Graphics	**Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, integrated graphics in GM45, uses main memory, DirectX® 10
Chipset	**Mobile Intel GM45 Express Chipset**, ICH9M I/O Controller Hub
Multicard reader	8-in-1 reader (MultiMedia Card, RS-MMC, Memory Stick, Memory Stick PRO™, Memory Stick Duo, Secure Digital Card, miniSD, xD-Picture Card™)
Ports	*Rear:* Two USB 2.0, ethernet (RJ-45), TV antenna connector on some models; IEEE 1394 FireWire 400 (4-pin connector), HDMI in/out *Side:* Two USB 2.0
PCIe Mini Card 11b/g/n[28]	Two PCIe Mini Card slots 11b/g/n wireless[4], PCIe Mini Card, Broadcom® chip or Atheros chip
TV tuner	AverMedia® Hybrid tuner, support analog and digital signal, PCIe Mini Card
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator
Modem	None
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111DL
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / stereo speakers (2 watt x 2) / mono microphone, microphone input jack (3.5 mm), headphone jack / S/PDIF-out (3.5 mm)
Security	Power-on password, supervisor password, security lockhole
Keyboard	Wireless keyboard via Bluetooth, 6-row, multimedia Fn keys, white
Mouse	Wireless laser mouse via Bluetooth, 1200 dpi, white
Remote control	None
Dimensions[3]	*With base (WxHxD):* 20.63" x 15.59" x 8.27"; 524mm x 396mm x 210mm *Screen depth:* 0.73"; 18.5mm
Weight[2]	22.9 lb (10.4 kg)
Chassis	White color, ABS plastic
View adjustments	*Tilt:* 18° back, 3° forward; *swivel:* +/-10°

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- Media Show
- Lenovo CamSuite
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Windows Live™ Essential
- Microsoft® Office 2007 Trial (60-day)

120-watt AC adapter
RoHS-compliant

See footnotes for important warranty information
US model(s) announced February 5, 2010 or February 16, 2011
US model(s) withdrawn effective April 2013

Type-model	Proc-essor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Camera (mega-pixel)	Graphics	SATA disk	External optical	PCIe Mini Card 802.11	TV tuner	Remote control	KBD/ Mouse	Win7 preload	Avail date
4073-2DU	P6100	2.00	None	2GBx2	21.5" FHD	LED	0.3M	Intel HD	320GB[8]	DVD±RW	11b/g/n[28]			BT/BT	Prem 64	Aug 10
4073-2EU	i3-370M	2.40	None	2GBx2	21.5" FHD	LED	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	TV	Remote	BT/BT	Prem 64	Aug 10

- *All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display*
- *(Seleted models) Integrated TV tuner*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

Processor	**Intel® Pentium® processor P6100** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), and 3MB cache or **Intel® Core™ i3 processor i3-370M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache
Memory	**4GB** std / 8GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets
External DVD±RW	USB 2.0 external DVD burner, tray-in
SATA disk	**320GB** or **500GB**, SATA 3.0Gb/s, 2.5" wide, 5400 rpm
Widescreen display	**21.5"** (546.1mm) **Full HD** (WUXGA 1920x1080) **TFT color**, **VibrantView** (glossy), **LED** backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen**
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with mono microphone
Controls	Touch-sensitive buttons for Menu/OK button and Direction buttons
Graphics	**Intel HD Graphics** in processor, external digital monitor support via HDMI out connector, HDCP-compliant
Chipset	**Mobile Intel HM55 Express Chipset**
Multicard reader	7-in-1 reader (MultiMedia Card, RS-MMC, Memory Stick, Memory Stick PRO™, Memory Stick Duo, Secure Digital Card, miniSD)
Ports	*Rear:* Two USB 2.0, ethernet (RJ-45), TV tuner connector on some models; HDMI in, HDMI out *Side:* Two USB 2.0
PCIe Mini Card 11b/g/n[28]	Two PCIe Mini Card slots 11b/g/n wireless[4], PCIe Half Mini Card, Broadcom® BCM43225
TV tuner	*Some:* Hybrid tuner, support analog and digital signal, PCIe Mini Card
Bluetooth®	Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator
Modem	None
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111DL
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / stereo speakers (2 watt x 2) / mono microphone, microphone input jack (3.5 mm), headphone jack / S/PDIF-out (3.5 mm)
Security	Power-on password, supervisor password, security lockhole
Keyboard	Wireless keyboard via Bluetooth, 6-row, multimedia Fn keys, white
Mouse	Wireless laser mouse via Bluetooth, white
Remote control	*Some:* MCE remote control, via IR
Dimensions[3]	*With base (WxHxD):* 20.63" x 15.59" x 8.15"; 524mm x 396mm x 207mm *Screen depth:* 0.73"; 18.5mm
Weight[2]	15.9 lb (7.2 kg), weight may vary by configuration
Chassis	White color, ABS plastic
View adjustments	*Tilt:* 18° back, 3° forward; *swivel:* +/-10°

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- CyberLink YouCam
- Windows Live™ Essential
- Microsoft Office 2010 preloaded; purchase product key to activate
- CyberLink Power2Go (DVD±RW)

120-watt AC adapter
RoHS-compliant

Limited Warranty[1]
- ➯ **1-year parts and labor**
- ➯ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm)**
- ➯ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➯ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US model(s) announced August 25, 2010
US model(s) withdrawn effective April 2013

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Type-model	Proc-essor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Camera (mega-pixel)	Graphics	SATA disk	External optical	PCIe Mini Card 802.11	TV tuner	Remote control	KBD/ Mouse	Win7 preload	Avail date
4073-1GU	i3-350M	2.26		2GBx2	21.5" FHD	LED	0.3M	Intel HD	320GB[8]	DVD±RW	11b/g/n[28]	TV	Remote	BT/BT	Prem 64	Aug 10
4073-1HU	i5-450M	2.40	2.66	2GBx2	21.5" FHD	LED	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	TV	Remote	BT/BT	Prem 64	Aug 10
4073-2FU	i3-370M	2.40		2GBx2	21.5" FHD	LED	0.3M	Intel HD	500GB		11b/g/n			BT/BT	Prem 64	Mar 11
4073-4NU	i5-450M	2.40	2.66	4+2GB	21.5" FHD	LED	0.3M	Intel HD	750GB		11b/g/n	TV	Remote	BT/BT	Prem 64	May 11

- *All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display*
- *(Seleted models) Integrated TV tuner*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

Processor	**Intel® Core™ i3 processor i3-350M** or **i3-370M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or **Intel Core i5 processor i5-450M** with **dual-core**, DMI, integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	8GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets
External DVD±RW	*Some:* USB 2.0 external DVD burner, tray-in
SATA disk	**320GB**, **500GB**, or **750GB**, SATA 3.0Gb/s, 2.5" wide, 5400 rpm
Widescreen display	**21.5"** (546.1mm) **Full HD** (WUXGA 1920x1080) **TFT color**, **VibrantView** (glossy), **LED** backlight, 250 nits**,** 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen**
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with mono microphone
Controls	Touch-sensitive buttons for Menu/OK button and Direction buttons
Graphics	**Intel HD Graphics** in processor, external digital monitor support via HDMI out connector, HDCP-compliant
Chipset	**Mobile Intel HM55 Express Chipset**
Multicard reader	7-in-1 reader (MultiMedia Card, RS-MMC, Memory Stick, Memory Stick PRO™, Memory Stick Duo, Secure Digital Card, miniSD)
Ports	*Rear:* Two USB 2.0, ethernet (RJ-45), TV tuner connector on some models; HDMI in, HDMI out *Side:* Two USB 2.0
PCIe Mini Card 11b/g/n[28]	Two PCIe Mini Card slots 11b/g/n wireless[4], PCIe Half Mini Card, Broadcom® BCM43225
TV tuner	*Some:* Hybrid tuner, support analog and digital signal, PCIe Mini Card
Bluetooth®	Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator
Modem	None
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111DL
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / stereo speakers (2 watt x 2) / mono microphone, microphone input jack (3.5 mm), headphone jack / S/PDIF-out (3.5 mm)
Security	Power-on password, supervisor password, security lockhole
Keyboard	Wireless keyboard via Bluetooth, 6-row, multimedia Fn keys, white
Mouse	Wireless laser mouse via Bluetooth, white
Remote control	*Some:* MCE remote control, via IR
Dimensions[3]	*With base (WxHxD):* 20.63" x 15.59" x 8.15"; 524mm x 396mm x 207mm *Screen depth:* 0.73"; 18.5mm
Weight[2]	15.9 lb (7.2 kg), weight may vary by configuration
Chassis	White color, ABS plastic
View adjustments	*Tilt:* 18° back, 3° forward; *swivel:* +/-10°

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- CyberLink YouCam
- Windows Live Essentials
- Microsoft Office 2010 preloaded; purchase product key to activate
- CyberLink Power2Go (DVD±RW)

120-watt AC adapter
RoHS-compliant

Limited Warranty[1]
- ↪ **1-year parts and labor**
- ↪ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm)**
- ↪ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day**   (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day**   (78Y1553)
- ↪ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US model(s) announced August 25, 2010 or March 9 or May 18, 2011
US model(s) withdrawn effective April 2013

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ideacentre

Lenovo IdeaCentre A600
(Remote control and wireless
keyboard/mouse on select models)

Lenovo IdeaCentre A600
(Remote control and wireless
keyboard/mouse on select models)

Lenovo IdeaCentre A600

Lenovo IdeaCentre A600

Lenovo IdeaCentre A600

Lenovo IdeaCentre A600

Type-model	Proc-essor	GHz	Memory	Widescreen display	Camera (mega-pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Micro-phone	Blue-tooth	KBD/ Mouse	Vista preload	Avail date
3011-2AU	T4200	2.00	2GB	21.5" WUXGA	1.3	GMA	320GB[8]	DVD±RW	11b/g[28]			Mono		USB	Prem 64	Apr 09
3011-2BU	T4200	2.00	*3GB*	21.5" WUXGA	1.3	GMA	500GB	DVD±RW	Intel 5100			Mono		USB	Prem 64	Apr 09
3011-2CU	T4200	2.00	*4GB*	21.5" WUXGA	1.3	GMA	640GB	DVD±RW	Intel 5100			Mono		USB	Prem 64	Apr 09
3011-3AU	T6400	2.00	*3GB*	21.5" WUXGA	1.3	GMA	640GB	DVD±RW	Intel 5100			Mono		USB	Prem 64	Apr 09
3011-3CU	T6400	2.00	*4GB*	21.5" WUXGA	2.0	HD 3650	1TB	DVD±RW	✶Intel 5100	TV	Remote	Array	Blue	Wireless	Prem 64	Apr 09
3011-4AU	P7450	2.13	*4GB*	21.5" WUXGA	2.0	HD 3650	1TB	BD player	⊹Intel 5100			Array	Blue	USB	Prem 64	Apr 09
3011-4BU	P7450	2.13	*4GB*	21.5" WUXGA	2.0	HD 3650	1TB	BD player	⊹Intel 5100	TV	4-in-1	Array	Blue	Wireless	Prem 64	Apr 09
3011-3DU	T6400	2.00	*3GB*	21.5" WUXGA	1.3	GMA	500GB	DVD±RW	✶Intel 5100			Mono		Wireless	Prem 32	Apr 09
3011-3HU	T6400	2.00	*4GB*	21.5" WUXGA	2.0	HD 3650	640GB	DVD±RW	✶Intel 5100	TV	4-in-1	Array	Blue	Wireless	Prem 64	Apr 09

- *All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display*
- *(Seleted models) Integrated TV tuner*
- *(Seleted models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Vista Media Center remote and air mouse*
- *Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face*
- *Dolby® Home Theater™ premium audio system with two speakers and one subwoofer*
- *Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows*

Processor	**Intel® Pentium® processor T4200 with dual-core,** 800MHz system bus, and 1MB L2 cache or **Intel Core™ 2 Duo processor T6400 with dual-core,** 800MHz system bus, and 2MB L2 cache or **Intel Core 2 Duo processor P7450 with dual-core,** Intel HD Boost, 1066MHz system bus, and 3MB L2 cache
Memory	**2GB, 3GB, or 4GB** std / 4GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available *Non-italics:* standard memory in one socket; one socket available
SATA DVD±RW SATA Blu-ray™ SATA disk	*Some:* DVD burner, dual-layer support, fixed, not removable, 12.7mm, slot-in *Some:* Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, slot-in **320GB, 500GB, 640GB, or 1TB**, SATA 3.0Gb/s, 3.5" wide, 7200 rpm
Widescreen display Camera Controls	**21.5"** (546.1mm) **WUXGA (1920x1080) TFT color, VibrantView** (glossy)**,** CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen** *Some:* camera on top of screen, 1.3-megapixel, fixed focus, with mono microphone *Some:* camera on top of screen, 2.0-megapixel, fixed focus, with dual array microphone Touch-sensitive buttons for brightness, display on/off, and optical disk drive eject
Graphics	*Some:* **Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD),** integrated graphics in GM45, uses main memory, DirectX® 10 *Some:* **ATI™ Mobility Radeon™ HD 3650**, PCI Express® x16, **512MB** memory, DirectX® 10, ATI Avivo™ HD
Chipset	**Mobile Intel GM45 Express Chipset** (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express 1.1, PCI 2.3, ethernet MAC)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)
Ports	*Rear:* Four USB 2.0, ethernet (RJ-45), TV antenna connector on some models; *Left:* Two USB 2.0, IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)
Mini PCI Express Intel 5100[28] 11b/g[28] TV tuner	Two Mini PCI Express slots *Some:* 11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) *Some:* 11b/g wireless[4], Mini PCIe adapter, Broadcom® BCM4312 *Some:* AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter
Bluetooth™ Modem Ethernet Audio support	*Some:* Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator None Gigabit ethernet on planar, Broadcom BCM5784 High Definition (HD) Audio, RealTek® ALC272 codec / two speakers (3 watt) and subwoofer (8 watt), Dolby Home Theater Speaker System / mono microphone or dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password
Keyboard Mouse Remote control	*Some:* Wireless RF 2.4 GHz keyboard with touch pad, 6-row, 84-key, touch-sensitive multimedia keys and shortcut keys *Some:* USB full-size keyboard with USB hub (two USB ports) *Some:* Wireless RF 2.4 GHz Laser Wheel Mouse, 800/1600 dpi (user switchable) *Some:* USB Optical Wheel Mouse *Some:* Vista MCE remote control (40-button), via IR *Some:* 4-in-1 remote control, via bluetooth, acts as motion game controller (requires games* support), VOIP headset, Vista MCE remote control, and air mouse * Motion games CD included in 4-in-1 remote control models (requires installation)
Dimensions[3] Weight[2] Chassis Stand	*(WxHxD):* 20.47" x 18.22" x 1.06" to 2.36"; 520mm x 463mm x 27 to 60mm 27.7 lb (12.6 kg) Black color, ABS plastic Tilt stand (15° back, 5° forward)

Preloaded operating system[20]
- *Some:* Genuine Windows® Vista® Home Premium 32
- *Some:* Genuine Windows Vista Home Premium 64
- ✧ Vista Premium logo

Preloaded applications[14]
- Lenovo® OneKey Recovery
- Driver and Application Installation
- Lenovo Recovery Disk Maker
- Lenovo Healthcare Software
- VeriFace™
- Media Show
- Trend Micro™ PC-cillin™ Internet Security 2008
- Windows Live™ Toolbar
- Microsoft® Office 2007 Trial (60-day)
- Cyberlink Power2Go (DVD±RW, BD player)
- Corel® WinDVD® (BD player)

Available at these retailers
- lenovo.com
- Fry's

Some: 130-watt (GMA graphics) AC adapter
Some: 150-watt (ATI graphics) AC adapter
RoHS-compliant

Limited Warranty[12]
- ➥ **1-year parts and labor**
- ➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ➥ **Service upgrade options (in eligible locations):[9]**
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➥ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US models announced April 22 or April 07, 2009
US models withdrawn effective January 18, 2012

✶ Intel Centrino® processor technology
⊹ Intel Centrino 2 processor technology

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(BL1-1) January 2012

IdeaCentre™ A600 (3011) - September 2009 - withdrawn

Type-model	Proc-essor	GHz	Memory	Widescreen display	Camera (mega-pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Micro-phone	Blue-tooth	KBD/ Mouse	Vista preload	Avail date
3011-3LU	T6500	2.10	*4GB*	21.5" WUXGA	1.3	GMA	640GB[8]	DVD±RW	✶ Intel 5100[28]			Mono		USB	Prem 64	Sep 09
3011-3RU	T6500	2.10	*4GB*	21.5" WUXGA	2.0	HD 4650	500GB	DVD±RW	✶ Intel 5100	TV	Remote	Array	Blue	USB	Prem 64	Sep 09
3011-3UU	T6500	2.10	*4GB*	21.5" WUXGA	2.0	HD 4650	640GB	DVD±RW	✶ Intel 5100	TV	4-in-1	Array	Blue	Wireless	Prem 64	Sep 09
3011-4EU	P7350	2.00	*4GB*	21.5" WUXGA	2.0	HD 4650	1TB	BD player	✛ Intel 5100	TV	4-in-1	Array	Blue	Wireless	Prem 64	Sep 09

- All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display
- (Seleted models) Integrated TV tuner
- (Seleted models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Vista Media Center remote and air mouse
- Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
- Dolby® Home Theater™ premium audio system with two speakers and one subwoofer
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Processor	**Intel® Core™ 2 Duo processor T6500** with **dual-core**, 800MHz system bus, and 2MB L2 cache or **Intel Core 2 Duo processor P7350** with **dual-core**, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache
Memory	**4GB** std / 4GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
SATA DVD±RW	*Some:* DVD burner, dual-layer support, fixed, not removable, 12.7mm, slot-in
SATA Blu-ray™	*Some:* Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, slot-in
SATA disk	**500GB**, **640GB**, or **1TB**, SATA 3.0Gb/s, 3.5" wide, 7200 rpm
Widescreen display	**21.5"** (546.1mm) **WUXGA (1920x1080) TFT color**, **VibrantView** (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen**
Camera	*Some:* camera on top of screen, 1.3-megapixel, fixed focus, with mono microphone *Some:* camera on top of screen, 2.0-megapixel, fixed focus, with dual array microphone
Controls	Touch-sensitive buttons for brightness, display on/off, and optical disk drive eject
Graphics	*Some:* **Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, integrated graphics in GM45, uses main memory, DirectX® 10 *Some:* **ATI™ Mobility Radeon™ HD 4650**, PCI Express® x16, **512MB** memory, DirectX® 10, ATI Avivo™ HD
Chipset	**Mobile Intel GM45 Express Chipset** (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express 1.1, PCI 2.3, ethernet MAC)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)
Ports	*Rear:* Four USB 2.0, ethernet (RJ-45), TV antenna connector on some models; *Left:* Two USB 2.0, IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)
Mini PCI Express Intel 5100[28]	Two Mini PCI Express slots 11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)
TV tuner	*Some:* AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter
Bluetooth™	*Some:* Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator
Modem	None
Ethernet	Gigabit ethernet on planar, Broadcom BCM5784
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two speakers (3 watt) and subwoofer (8 watt), Dolby Home Theater Speaker System / mono microphone or dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password
Keyboard	*Some:* Wireless RF 2.4 GHz keyboard with touch pad, 6-row, 84-key, touch-sensitive multimedia keys and shortcut keys *Some:* USB full-size keyboard with USB hub (two USB ports)
Mouse	*Some:* Wireless RF 2.4 GHz Laser Wheel Mouse, 800/1600 dpi (user switchable) *Some:* USB Optical Wheel Mouse
Remote control	*Some:* Vista MCE remote control (40-button), via IR *Some:* 4-in-1 remote control, via bluetooth, acts as motion game controller (requires games* support), VOIP headset, Vista MCE remote control, and air mouse * Motion games CD included in 4-in-1 remote control models (requires installation)
Dimensions[3]	*(WxHxD):* 20.47" x 18.22" x 1.06" to 2.36"; 520mm x 463mm x 27 to 60mm
Weight[2]	27.7 lb (12.6 kg)
Chassis	Black color, ABS plastic
Stand	Tilt stand (15° back, 5° forward)

Preloaded operating system[20]
- Genuine Windows® Vista® Home Premium 64
- ✧ Vista Premium logo

Preloaded applications[14]
- Lenovo® OneKey Recovery
- Driver and Application Installation
- Lenovo Recovery Disk Maker
- Lenovo Healthcare Software
- VeriFace™
- Media Show
- Trend Micro™ PC-cillin™ Internet Security 2008
- Windows Live™ Toolbar
- Microsoft® Office 2007 Trial (60-day)
- Cyberlink Power2Go (DVD±RW, BD player)
- Corel® WinDVD® (BD player)

Available at these retailers
- lenovo.com

Some: 130-watt (GMA graphics) AC adapter
Some: 150-watt (ATI graphics) AC adapter
RoHS-compliant

Limited Warranty[12]
- ↪ **1-year parts and labor**
- ↪ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ↪ **Service upgrade options (in eligible locations):**[9]
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ↪ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US models announced September 10, 2009
US models withdrawn effective January 18, 2012

✶ Intel Centrino® processor technology
✛ Intel Centrino 2 processor technology

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(BL1-2) January 2012

IdeaCentre™ A600 (3011) - Windows 7 - withdrawn

Type-model	Proc-essor	GHz	Memory	Widescreen display	Camera (mega-pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Micro-phone	Blue-tooth	KBD/ Mouse	Win7 preload	Avail date
3011-6CU	T4300	2.10	2GB	21.5" WUXGA	1.3	GMA	320GB[8]	DVD±RW	Intel 5100[28]			Mono		USB	Prem 64	Oct 09
3011-6DU	T4300	2.10	*4GB*	21.5" WUXGA	2.0	HD 4650	320GB	DVD±RW	11b/g	TV		Array	Blue	USB	Prem 64	Oct 09
3011-CGU	T6600	2.20	*4GB*	21.5" WUXGA	2.0	HD 4650	640GB	DVD±RW ✶	Intel 5100	TV	4-in-1	Array	Blue	Wireless	Prem 64	Oct 09
3011-CJU	T6600	2.20	*3GB*	21.5" WUXGA	2.0	HD 4650	500GB	DVD±RW ✶	Intel 5100	TV	Remote	Array	Blue	USB	Prem 64	Oct 09
3011-CKU	T6600	2.20	*4GB*	21.5" WUXGA	2.0	HD 4650	500GB	DVD±RW ✶	Intel 5100	TV	Remote	Array	Blue	Wireless	Prem 64	Oct 09
3011-4LU	P7550	2.26	*4GB*	21.5" WUXGA	2.0	HD 4650	1TB	BD player ⁂	Intel 5100	TV	4-in-1	Array	Blue	Wireless	Prem 64	Oct 09

- *All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display*
- *(Seleted models) Integrated TV tuner*
- *(Seleted models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Vista Media Center remote and air mouse*
- *Dolby® Home Theater™ premium audio system with two speakers and one subwoofer*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Pentium® Processor T4300 with dual-core,** 800MHz system bus, and 1MB L2 cache or **Intel Core™ 2 Duo processor T6600** with **dual-core**, 800MHz system bus, and 2MB L2 cache or **Intel Core 2 Duo processor P7550** with **dual-core**, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache
Memory	**2GB, 3GB,** or **4GB** std / 4GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Non-italics:* standard memory in one socket; one socket available *Italics:* standard memory in both sockets; no sockets available
SATA DVD±RW SATA Blu-ray™ SATA disk	*Some:* DVD burner, dual-layer support, fixed, not removable, 12.7mm, slot-in *Some:* Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, slot-in **320GB, 500GB, 640GB,** or **1TB**, SATA 3.0Gb/s, 3.5" wide, 7200 rpm
Widescreen display Camera Controls	**21.5"** (546.1mm) **WUXGA (1920x1080) TFT color, VibrantView** (glossy)**,** CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, **frameless screen** *Some:* camera on top of screen, 1.3-megapixel, fixed focus, with mono microphone *Some:* camera on top of screen, 2.0-megapixel, fixed focus, with dual array microphone Touch-sensitive buttons for brightness, display on/off, and optical disk drive eject
Graphics	*Some:* **Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, integrated graphics in GM45, uses main memory, DirectX® 10 *Some:* **ATI™ Mobility Radeon™ HD 4650**, PCI Express® x16, **512MB** memory, DirectX® 10, ATI Avivo™ HD
Chipset	**Mobile Intel GM45 Express Chipset** (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express 1.1, PCI 2.3, ethernet MAC)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)
Ports	*Rear:* Four USB 2.0, ethernet (RJ-45), TV antenna connector on some models; *Left:* Two USB 2.0, IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)
Mini PCI Express Intel 5100[28] 11b/g[11] TV tuner Bluetooth™ Modem Ethernet Audio support Security	Two Mini PCI Express slots *Some:* 11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) *Some:* 11b/g wireless[4], Mini PCIe adapter, Broadcom® BCM4312 *Some:* AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter *Some:* Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator None Gigabit ethernet on planar, Broadcom BCM5784 High Definition (HD) Audio, RealTek® ALC272 codec / two speakers (3 watt) and subwoofer (8 watt), Dolby Home Theater Speaker System / mono microphone or dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm) Power-on password, hard disk password, supervisor password
Keyboard Mouse Remote control	*Some:* Wireless RF 2.4 GHz keyboard with touch pad, 6-row, 84-key, touch-sensitive multimedia keys and shortcut keys *Some:* USB full-size keyboard with USB hub (two USB ports) *Some:* Wireless RF 2.4 GHz Laser Wheel Mouse, 800/1600 dpi (user switchable) *Some:* USB Optical Wheel Mouse *Some:* MCE remote control (40-button), via IR *Some:* 4-in-1 remote control, via bluetooth, acts as motion game controller (requires games support), VOIP headset, MCE remote control, and air mouse
Dimensions[3] Weight[2] Chassis Stand	*(WxHxD):* 20.47" x 18.22" x 1.06" to 2.36"; 520mm x 463mm x 27 to 60mm 27.7 lb (12.6 kg) Black color, ABS plastic Tilt stand (15° back, 5° forward)

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- Lenovo Healthcare Software
- Media Show
- McAfee VirusScan® Plus (60 days of virus definitions)
- Cyberlink Power2Go (DVD±RW, BD player)
- Corel® WinDVD® (BD player)

Some: 130-watt (GMA graphics) AC adapter
Some: 150-watt (ATI graphics) AC adapter
RoHS-compliant

Limited Warranty[12]
- ➥ **1-year parts and labor**
- ➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ➥ **Service upgrade options (in eligible locations):**[9]
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➥ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US model(s) announced October 23, 2009
US model(s) withdrawn effective April 2013

✶ Intel Centrino® processor technology
⁂ Intel Centrino 2 processor technology

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(BL1-3) April 2013

Lenovo IdeaCentre A700
with optional 3-in-1 mouse

Lenovo IdeaCentre A700

Lenovo IdeaCentre A700
with optional 3-in-1 mouse

Lenovo IdeaCentre A700

Lenovo IdeaCentre A700

Lenovo IdeaCentre A700

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Wall mount kit	Win7 preload	Avail date
4024-3AU	i3-350M	2.26		*4GB*	23" FHD	*Multi*	Intel HD	320GB[8]	DVD±RW	11b/g/n[28]	Hybrid	Remote	120W	Mount kit	Prem 64	Jun 10
4024-1AU	i7-720QM	1.60	2.80	*4GB*	23" FHD	*Multi*	HD 5650	1TB	DVD±RW	11b/g/n	Hybrid	Remote	150W	Mount kit	Prem 64	Jun 10
4024-4AU	i3-370M	2.40		*4GB*	23" FHD	*Multi*	Intel HD	320GB	DVD±RW	11b/g/n	Hybrid	Remote	150W	Mount kit	Prem 64	Aug 10
4024-4BU	i5-460M	2.53	2.80	*4GB*	23" FHD	*Multi*	HD 5470	500GB	DVD±RW	11b/g/n	Hybrid	Remote	150W	Mount kit	Prem 64	Aug 10
4024-4CU	i7-740QM	1.73	2.93	*4GB*	23" FHD	*Multi*	HD 5650	1TB	DVD±RW	11b/g/n	Hybrid	Remote	150W	Mount kit	Prem 64	Aug 10
4024-5EU	i5-480M	2.66	2.93	*4GB*	23" FHD	*Multi*	HD 5650	1TB	DVD±RW	11b/g/n	ATSC	Remote	150W		Prem 64	Mar 11
4024-5FU	i3-380M	2.53		*4GB*	23" FHD	*Multi*	Intel HD	500GB	DVD±RW	11b/g/n	Hybrid	Remote	120W		Prem 64	Mar 11

- *All-In-One design with 23" Full HD 16:9 widescreen, multi-touch support*
- *Integrated TV tuner*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*
- *JBL stereo speakers*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

Processor	**Intel® Core™ i3 processor i3-350M, i3-370M, or i3-380M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or **Intel Core i5 processor i5-460M 0r i5-480M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache or **Intel Core i7 processor i7-720QM or i7-740QM** with **quad-core**, DMI, integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache
Memory	**4GB** std / **8GB** max[7] / **PC3-10600 1333MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
SATA DVD±RW SATA disk	DVD burner, dual-layer support, fixed, not removable, slot-in **320GB**, **500GB**, or **1TB**, SATA 3.0Gb/s, 7200 rpm, 3.5" wide
Widescreen display	**23"** (584.2mm) **Full HD** (WUXGA 1920x1080) **TFT color**, **VibrantView** (glossy), **LED backlight**, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, Novo Vision, mode switch (PC / HDMI IN / AV IN), and display on/off
Graphics	*Some:* **Intel HD Graphics** in processor, uses main memory; *Some:* **ATI™ Mobility Radeon™ HD 5470, 512MB** memory, DirectX® 11; *Some:* **ATI Mobility Radeon HD 5650, 1GB** memory, DirectX 11
Chipset	**Mobile Intel HM55 Express Chipset**
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC)
Ports	*Rear:* Four USB 2.0, ethernet (RJ-45), TV tuner connector, S/PDIF out, HDMI in/out *Side:* Two USB 2.0, eSATA, microphone (3.5 mm), headphone (3.5 mm), IEEE 1394 FireWire 400 (4-pin connector)
PCIe Mini Card 11b/g/n[28]	Two PCI Express Mini Card slots 11b/g/n wireless[4], Mini PCIe adapter, Broadcom® chip or Atheros® chip
TV tuner	*Some:* Hybrid tuner (ATSC / DVB-T), support analog and digital signal, PCIe Mini Card *Some:* ATSC tuner, support analog and digital signal, PCIe Mini Card
Bluetooth™	Bluetooth 2.1 wireless + EDR
Modem	None
Ethernet	Gigabit ethernet on planar, Intel 82577LC
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / Dolby® Home Theater™ certified, JBL® stereo speakers (5 watt x 2)
Security	Power-on password, administrator password
Keyboard	Bluetooth full-size keyboard, 6-row, 104-key, black
Mouse	Bluetooth Optical Wheel Mouse, black
Remote control	MCE remote control, via IR
Dimensions[3]	*(WxHxD):* 22.4" x 16.9" x 2.8"; 568mm x 430mm x 71mm
Weight[2]	*Touch models:* 32.6 lb (14.8kg)
Chassis	Black color; ABS plastic
Stand	Adjustable stand (between 12° and 35°)
Wall mount	*Some:* Wall mount kit, meets VESA 100mm mount standard

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- CyberLink YouCam
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Lenovo Dynamic Brightness System
- Lenovo Eye Distance System
- Cyberlink Power2Go (DVD±RW)
- Lenovo IdeaTouch (Touch models)
  – PowerCinema
  – Lenovo VeriTouch
  – AutoCollage Touch
- Windows Live Essentials
- Microsoft® Office 2007 Trial (60-day)
- Microsoft Office 2010 preloaded; purchase product key to activate

Some: 120-watt AC adapter
Some: 150-watt AC adapter
ENERGY® STAR 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- ➪ **1-year parts and labor**
- ➪ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ➪ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ➪ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US model(s) announced June 3 or August 25, 2010 or March 9, 2011
US model(s) withdrawn effective April 2013

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(CTLN1-1) April 2013

IdeaCentre™ A700 (4024) - Windows 7 (web only models) - withdrawn

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/ Mouse	Win7 preload	Avail date
4024-3BU	i3-350M	2.26		4GB	23" FHD	Multi	Intel HD	500GB[8]	DVD±RW	11b/g/n[28]	Hybrid	IR remote	120W	BT/BT	Prem 64	Jun 10
4024-2BU	i5-430M	2.26	2.53	4GB	23" FHD	Multi	HD 5470	640GB	DVD±RW	11b/g/n	Hybrid	IR remote	150W	BT/BT	Prem 64	Jun 10
4024-1CU	i7-720QM	1.60	2.80	8GB	23" FHD	Multi	HD 5650	1TB	BD player	11b/g/n	Hybrid	4-in-1	150W	BT/BT	Prem 64	Jun 10
4024-4JU	i7-740QM	1.73	2.93	8GB	23" FHD	Multi	HD 5650	1TB	BD player	11b/g/n	Hybrid	4-in-1	150W	BT/BT	Prem 64	Oct 10
4024-6CU	i5-480M	2.66	2.93	8GB	23" FHD	Multi	HD 5650	1TB	DVD±RW	11b/g/n	ATSC	IR remote	150W	BT/BT	Prem 64	May 11
4024-6FU	i3-380M	2.53		4GB	23" FHD	Multi	Intel HD	1TB	DVD±RW	11b/g/n			120W	BT/BT	Prem 64	Jun 11

- *All-In-One design with 23" Full HD 16:9 widescreen, multi-touch support*
- *Integrated TV tuner*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*
- *(Seleted models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Media Center remote control, and air mouse*
- *JBL® stereo speakers*

Processor	**Intel® Core™ i3 processor i3-350M or i3-380M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or **Intel Core i5 processor i5-430M or i5-480M** with **dual-core**, DMI, integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache or **Intel Core i7 processor i7-720QM or i7-740QM** with **quad-core**, DMI, integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache
Memory	8GB max[7] / **PC3-10600 1333MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
SATA DVD±RW	*Some:* DVD burner, dual-layer support, fixed, not removable, slot-in
SATA Blu-ray™	*Some:* Blu-ray disc burner (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, slot-in
SATA disk	**500GB**, **640GB**, or **1TB**, SATA 3.0Gb/s, 7200 rpm, 3.5" wide
Widescreen display	**23"** (584.2mm) **Full HD** (WUXGA 1920x1080) **TFT color**, **VibrantView** (glossy)**, LED backlight,** 250 nits**,** 16:9 aspect ratio, 1000:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, Novo Vision, mode switch (PC / HDMI IN / AV IN), and display on/off
Graphics	*Some:* **Intel HD Graphics** in processor, uses main memory; *Some:* **ATI™ Mobility Radeon™ HD 5470**, **512MB** memory, DirectX® 11; *Some:* **ATI Mobility Radeon HD 5650**, **1GB** memory, DirectX 11
Chipset	**Mobile Intel HM55 Express Chipset**
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC)
Ports	*Rear:* Four USB 2.0, ethernet (RJ-45), TV tuner connector, S/PDIF out, HDMI in/out *Side:* Two USB 2.0, eSATA, microphone (3.5 mm), headphone (3.5 mm), IEEE 1394 FireWire 400 (4-pin connector)
PCIe Mini Card 11b/g/n[28]	Two PCI Express Mini Card slots 11b/g/n wireless[4], Mini PCIe adapter, Broadcom® chip or Atheros chip
TV tuner	*Some:* Hybrid tuner (ATSC / DVB-T), support analog and digital signal, PCIe Mini Card *Some:* ATSC tuner, support analog and digital signal, PCIe Mini Card
Bluetooth™	Bluetooth 2.1 wireless + EDR
Modem	None
Ethernet	Gigabit ethernet on planar, Intel 82577LC
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / Dolby® Home Theater™ certified, JBL stereo speakers (5 watt x 2)
Security	Power-on password, administrator password
Keyboard	Bluetooth full-size keyboard, 6-row, 104-key, black
Mouse	Bluetooth Optical Wheel Mouse, black
Remote control	*Some:* MCE remote control, via IR *Some:* 4-in-1 remote control, via bluetooth, acts as motion game controller (requires game support), VOIP headset, MCE remote control, and air mouse
Dimensions[3]	*(WxHxD):* 22.4" x 16.9" x 2.8"; 568mm x 430mm x 71mm
Weight[2]	*Touch models:* 32.6 lb (14.8kg)
Chassis	Black color; ABS plastic
Stand	Adjustable stand (between 12° and 35°)
Wall mount	Wall mount kit, meets VESA 100mm mount standard

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Driver and Application Installation
- CyberLink YouCam
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Lenovo Dynamic Brightness System
- Lenovo Eye Distance System
- Cyberlink Power2Go (DVD±RW, BD player)
- Corel® WinDVD® (BD player)
- Lenovo IdeaTouch (Touch models)
  – PowerCinema
  – Lenovo VeriTouch
  – AutoCollage Touch
- Windows Live Essential
- Microsoft® Office 2007 Trial (60-day)

Some: 120-watt AC adapter
Some: 150-watt AC adapter
ENERGY® STAR 5.0-compliant
RoHS-compliant

Limited Warranty[12]

⮕ **1-year parts and labor**
⮕ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
⮕ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
⮕ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US model(s) announced April 07, 2009, October 22, 2010, or May 18 or June 22, 2011
US model(s) withdrawn effective April 2013

(CTLN1-2) April 2013

Lenovo IdeaCentre B500
Bluetooth keyboard and mouse on some models

Lenovo IdeaCentre B500
AV IN and TV IN on some models

Lenovo IdeaCentre B500

Lenovo IdeaCentre B500

Lenovo IdeaCentre B500

Lenovo IdeaCentre B500

Type-model	Proc-essor	GHz	Memory	Widescreen display	Camera (mega-pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Keyboard/ Mouse	Win7 preload	Avail date
0887-1FU	E5400	2.70	2G	23" WUXGA	0.3M	GT 240M 1G	320GB[8]	DVD±RW	11b/g/n[28]	TV	IR remote	BT/BT	Prem 64	Dec 09
0887-2GU	E7500	2.93	*4G*	23" WUXGA	0.3M	GT 240M 1G	500GB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Dec 09
0887-2BU	E7500	2.93	*4G*	23" WUXGA	0.3M	GT 240M 1G	1TB	DVD±RW	11b/g/n	TV	4-in-1	BT/BT	Prem 64	Dec 09
0887-3AU	Q8400S	2.66	*4G*	23" WUXGA	0.3M	GTS 250M 1G	1TB	BD player	11b/g/n	TV	4-in-1	BT/BT	Prem 64	Dec 09

- *All-In-One design with 23" Full HD 16:9 widescreen, glossy display*
- *(Seleted models) Integrated TV tuner*
- *(Seleted models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Media Center remote and air mouse*
- *JBL® stereo speakers*

Processor	**Intel® Pentium® Processor E5400** with **dual-core**, 800MHz system bus, and 2MB L2 cache or **Intel Core™ 2 Duo Processor E7500** with **dual-core**, 1066MHz system bus, and 3MB L2 cache or **Intel Core 2 Quad Processor Q8400S** with **quad-core**, 1333MHz system bus, and 4MB L2 cache		**Preloaded operating system**[20] - Genuine Windows® 7 Home Premium 64
Implementation	Processor in LGA775 socket		**Preloaded applications**[14] (only some listed)
Memory	**2GB** or **4GB** std / 4GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Non-italics:* standard memory in one socket; one socket available *Italics:* standard memory in both sockets; no sockets available		• Lenovo® Rescue System • Media Show • McAfee® VirusScan® Plus (60 days of virus definitions) • Cyberlink Power2Go (DVD±RW, BD player) • Corel® WinDVD® (BD player)
SATA DVD±RW SATA Blu-ray™ SATA disk	*Some:* DVD burner, dual-layer support, fixed, not removable, 12.7mm, tray-in *Some:* Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, tray-in **320GB**, **500GB**, or **1TB**, SATA 3.0Gb/s, 3.5" wide, 7200 rpm		
Widescreen display Camera Controls	**23.0"** (584.2mm) **WUXGA (1920x1080) TFT color**, **VibrantView** (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus, with microphone Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off		
Graphics	*Some:* **NVIDIA® GeForce® GT 240M**, PCI Express® x16, **1GB** memory; *Some:* **NVIDIA GeForce GTS 250M**, PCI Express x16, **1GB** memory		
Chipset Multicard reader Ports	**Intel G41 Express Chipset**; I/O Controller Hub 7 (ICH7) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™) *Rear:* Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), TV IN and AV IN on some models; *Side:* Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)		
Mini PCI Express 11b/g/n[28] TV tuner Bluetooth™ Modem Ethernet Audio support Security	Two Mini PCI Express slots 11b/g/n wireless[4], Mini PCIe adapter, Broadcom® BCM43225 *Some:* AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH7 None 10/100 ethernet on planar, RealTek® RTL8103EL High Definition (HD) Audio, RealTek ALC662 codec / two JBL® stereo speakers (5 watt) Power-on password, supervisor password		Available at lenovo.com
			RoHS-compliant
Keyboard Mouse Remote control Power supply	Bluetooth full-size keyboard, 6-row, 104-key, black Bluetooth Optical Wheel Mouse, black *Some:* MCE remote control (40-button), via IR *Some:* 4-in-1 remote control, via bluetooth, acts as motion game controller (requires game support), VOIP headset, MCE remote control, and air mouse 200 watts, universal, auto-sensing		**Limited Warranty**[12] ⇨ **1-year parts and labor** ⇨ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)** ⇨ **Service upgrade options (in eligible locations):**[9] • **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553) ⇨ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**
Dimensions[3] Weight[2] Chassis Stand	*(WxHxD):* 22.05" x 17.20" x 3.44" to 5.22"; 560mm x 437mm x 87.5 to 132.5mm 22.0 lb (10 kg) *Front:* black color; *rear:* silver gray color; ABS plastics Adjustable stand (between 8° and 35°)		

See footnotes for important warranty information
US models announced December 2, 2009
US models withdrawn effective January, 2011

Type-model	Proc-essor	GHz	Memory	Widescreen display	Camera (mega-pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Keyboard/ Mouse	Win7 preload	Avail date
0887-1BU	E5400	2.70	*4G*	23" WUXGA	0.3M	G210M 512M	500GB[8]	DVD±RW	11b/g/n[28]			PS2/USB	Prem 64	Dec 09
0887-1CU	E5400	2.70	*4G*	23" WUXGA	0.3M	GT 240M 1G	500GB	DVD±RW	11b/g/n			BT/USB	Prem 64	Dec 09
0887-2CU	E7500	2.93	*4G*	23" WUXGA	0.3M	GT 240M 1G	640GB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Dec 09
0887-3BU	Q8400S	2.66	*4G*	23" WUXGA	0.3M	GTS 250M 1G	1TB	BD player	11b/g/n	TV	4-in-1	BT/BT	Prem 64	Dec 09

- *All-In-One design with 23" Full HD 16:9 widescreen, glossy display*
- *(Seleted models) Integrated TV tuner*
- *(Seleted models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Media Center remote and air mouse*
- *JBL® stereo speakers*

Processor	**Intel® Pentium® Processor E5400** with **dual-core**, 800MHz system bus, and 2MB L2 cache or **Intel Core™ 2 Duo Processor E7500** with **dual-core**, 1066MHz system bus, and 3MB L2 cache or **Intel Core 2 Quad Processor Q8400S** with **quad-core**, 1333MHz system bus, and 4MB L2 cache
Implementation	Processor in LGA775 socket
Memory	**4GB** std / **4GB** max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
SATA DVD±RW	*Some:* DVD burner, dual-layer support, fixed, not removable, 12.7mm, tray-in
SATA Blu-ray™	*Some:* Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, tray-in
SATA disk	**500GB**, **640GB**, or **1TB**, SATA 3.0Gb/s, 3.5" wide, 7200 rpm
Widescreen display	**23.0"** (584.2mm) **WUXGA (1920x1080) TFT color**, **VibrantView** (glossy)**,** CCFL backlight, 300 nits**,** 16:9 aspect ratio, 1000:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off
Graphics	*Some:* **NVIDIA® GeForce® G210M,** PCI Express® x16, **512MB** memory; *Some:* **NVIDIA GeForce GT 240M,** PCI Express x16, **1GB** memory; *Some:* **NVIDIA GeForce GTS 250M,** PCI Express x16, **1GB** memory
Chipset	**Intel G41 Express Chipset**; I/O Controller Hub 7 (ICH7)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)
Ports	*Rear:* Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), TV IN and AV IN on some models; *Side:* Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Mini PCI Express	Two Mini PCI Express slots
11b/g/n[28]	11b/g/n wireless[4], Mini PCIe adapter, Broadcom® BCM43225
TV tuner	*Some:* AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH7
Modem	None
Ethernet	10/100 ethernet on planar, RealTek® RTL8103EL
Audio support	High Definition (HD) Audio, RealTek ALC662 codec / two JBL® stereo speakers (5 watt)
Security	Power-on password, supervisor password
Keyboard	*Some:* Bluetooth full-size keyboard, 6-row, 104-key, black *Some:* Full-size keyboard (PS/2 connector), Fn keys, black
Mouse	*Some:* Bluetooth Optical Wheel Mouse, black *Some:* Optical Wheel Mouse (USB connector), 1000 dpi, black
Remote control	*Some:* MCE remote control (40-button), via IR *Some:* 4-in-1 remote control, via bluetooth, acts as motion game controller (requires game support), VOIP headset, MCE remote control, and air mouse
Power supply	200 watts, universal, auto-sensing
Dimensions[3]	*(WxHxD):* 22.05" x 17.20" x 3.44" to 5.22"; 560mm x 437mm x 87.5 to 132.5mm
Weight[2]	22.0 lb (10 kg)
Chassis	*Front:* black color; *rear:* silver gray color; ABS plastics
Stand	Adjustable stand (between 8° and 35°)

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- Media Show
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Cyberlink Power2Go (DVD±RW, BD player)
- Corel® WinDVD® (BD player)

RoHS-compliant

Limited Warranty[12]

↝ **1-year parts and labor**

↝ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3], **8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**

↝ **Service upgrade options (in eligible locations):**[9]
- **3-year Lenovo Onsite Repair 9x5 Next Business Day**   (78Y1553)

↝ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US models announced December 2, 2009
US models withdrawn effective January, 2011

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(MT1-2) January 2011

IdeaCentre™ B510 (7712) - Windows 7 (web only models) - withdrawn

Type-model	Proc-essor	GHz	Max turbo (GHz)	Memory	Widescreen display	Camera (mega-pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Key-board/ Mouse	Win7 preload	Avail date
7712-1SU	i3-550	3.20		2Gx2	23" FHD	0.3M	HD5450 512MB	500GB[8]	DVD±RW	11b/g/n[28]			BT/BT	Prem 64	Sep 10
7712-1TU	i5-650	3.20	3.46	2Gx3	23" FHD	0.3M	HD5570 1G	1TB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Sep 10
7712-1UU	i7-870S	2.66	3.60	2Gx3	23" FHD	0.3M	HD5850 1G	2TB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Sep 10
7712-1VU	i7-870S	2.66	3.60	2Gx4	23" FHD	0.3M	HD5570 1G	2TB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Feb 11

- *All-In-One design with 23" Full HD 16:9 widescreen, glossy display*
- *(Seleted models) Integrated TV tuner*
- *JBL® stereo speakers*
- *These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)*

Processor	**Intel® Core™ i3 processor i3-550** with **dual-core**, Intel 64, Hyper-Threading Technology, integrated 1333MHz dual-channel DDR3 memory controller, and 4MB cache or **Intel Core i5 processor i5-650** with **dual-core**, Intel 64, Hyper-Threading Technology, Turbo Boost Technology, TXT, integrated 1333MHz dual-channel DDR3 memory controller, and 4MB cache or **Intel Core i7 processor i7-870S** with **quad-core**, Intel 64, Hyper-Threading Technology, Turbo Boost Technology, TXT, integrated 1333MHz dual-channel DDR3 memory controller, and 8MB cache
Implementation	Processor in LGA1156 socket
Memory	**4GB**, **6GB**, or **8GB** std / 16GB max[7] / **DDR3**, non-parity, dual-channel capable, four 204-pin SO-DIMM sockets
SATA optical	DVD burner, dual-layer support, 12.7mm, tray-in
SATA disk	**500GB**, **1TB**, or **2TB**, SATA 3.0Gb/s, 3.5" wide, 7200 rpm
Widescreen display	**23.0"** (584.2mm) **Full HD** (1920x1080 WUXGA) **TFT color**, **VibrantView** (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off
Graphics	*Some:* **ATI™ Radeon™ HD 5450**, PCI Express® x16, **512MB** memory; *Some:* **ATI Radeon HD 5570**, PCI Express x16, **1GB** memory; *Some:* **ATI Mobility Radeon HD 5850**, PCI Express x16, **1GB** memory
Chipset	**Intel H55 Express Chipset**
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card)
Ports	*Rear:* Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), eSATA, TV IN and AV IN on some models; *Side:* Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)
PCIe Mini Card	Two PCIe Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Half Mini Card adapter, Broadcom® or Atheros chip
TV tuner	*Some:* Hybrid tuner, support analog and digital signal, PCIe Mini Card adapter
Bluetooth™	Bluetooth 2.1 wireless + EDR
Modem	None
Ethernet	Gigabit ethernet on planar, Intel 82578DC
Audio support	High Definition (HD) Audio, Realtek® ALC662 codec / two JBL® stereo speakers (5 watt)
Security	Power-on password, supervisor password
Keyboard	Bluetooth full-size keyboard, 6-row, black
Mouse	Bluetooth Optical Wheel Mouse, black
Remote control	*Some:* MCE remote control (40-button), via IR
Power supply	200 watts, universal, auto-sensing
Dimensions[3]	*(WxHxD):* 22.05" x 17.20" x 3.76" to 5.53"; 560mm x 437mm x 95.5 to 140.5mm
Weight[2]	22.0 lb (10 kg)
Chassis	*Front:* black color; *rear:* silver gray color; ABS plastics
Stand	Adjustable stand (between 15° and 35°)

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® Rescue System
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Lenovo Dynamic Brightness System
- Lenovo Eye Distance System
- Cyberlink Power2Go (DVD±RW)
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate

RoHS-compliant

Limited Warranty[12]
- ➾ **1-year parts and labor**
- ➾ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[23]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ➾ **Service upgrade options (in eligible locations):**[9]
  - **2-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1552)
  - **3-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1553)
- ➾ **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US model(s) announced September 8, 2010 or February 16, 2011
US model(s) withdrawn effective April 2013

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(HLN1-1) April 2013

Lenovo IdeaCentre Q100

Lenovo IdeaCentre Q100

Lenovo IdeaCentre Q100

Lenovo IdeaCentre Q100

Lenovo IdeaCentre Q100
(Monitor is not included)

Lenovo IdeaCentre Q100

IdeaCentre™ Q100 (3014) - withdrawn

Type-model	Processor	GHz	L2 cache	Memory[8]	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	VESA mount bracket	Preload	Avail date
3014-1DU	Atom 230	1.60	512KB	1GB	160GB[2]	None	Mirage 3+	None	None	None	Black	None		XP Home	Dec 09
3014-1FU	Atom 230	1.60	512KB	1GB	160GB	None	Mirage 3+	None	None	None	Black	None	VESA	XP Home	Dec 09

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *(Select model) Attaches to the back of selected VESA-compatible monitor for more space saving*
- *Super power saving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Basic one key system recovery function*

Processor	**Intel® Atom™ processor 230** with single-core, Hyper-Threading Technology, Intel 64 Technology, Execute Disable Bit, 533MHz system bus, and 512KB L2 cache
Memory	**1GB std**, 2GB max[8], **PC2-5300 667MHz DDR2**, non-parity, single-channel capable, one 200-pin SO-DIMM socket; standard memory in socket; no sockets available
Graphics	**SiS® Mirage™ 3+ Graphics Engine**, integrated graphics in SiS672, uses main memory, one VGA DB-15 connector
SATA disk SATA controller SATA DVD±RW Media reader	**160GB**, SATA 3.0Gb/s, 2.5" wide, 5400 rpm Serial ATA, SATA 3.0Gb/s, integrated in SiS968 None None
Chipset	**SiS672** Northbridge / **SiS968** Southbridge (SATA 3.0Gb/s, ethernet MAC, USB)
Front ports Rear ports Audio External speakers Internal speaker Ethernet Wireless Modem Security chip	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm) Four USB 2.0, ethernet (RJ-45), monitor (VGA DB-15), line-out (stereo, 3.5mm) High Definition (HD) audio, RealTek® ALC662 codec None None Gigabit ethernet on planar, Realtek® RLT8111DL None None None
11b/g[28] TV tuner Remote control Camera	None None None None
Keyboard Mouse Stand Mount bracket	None None Detachable stand (matching color with chassis) *Some:* Mount bracket (black), meets VESA 75mm and 100mm mount standard

Tiny Desktop (0.5L)
- Black color
- 6.01" W X 0.8" D X 6.8" H
- 153mm W X 20mm D X 172mm H
- 1.67 lb (0.76kg) including stand
- No bays, no slots

Preloaded operating system[20]
- Genuine Windows® XP Home Edition

Preloaded applications[14] (only some listed)
- Recovery wizard
- Driver and Application Installation
- Trend Micro™ PC-cillin™ Internet Security 2008

65-watt AC adapter
RoHS-compliant

Limited Warranty[1]

- ➥ **1-year parts and labor**
- ➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)**
- ➥ **Service upgrade options (in eligible locations):[9]**
  - **3-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1551)
- ➥ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US models announced December 17, 2009
US models withdrawn effective October, 2010

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(NR1-3) October 2010

IdeaCentre™ Q100 (3014) - Web models - withdrawn

Type-model	Processor	GHz	L2 cache	Memory[8]	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Preload	Avail date
3014-1CU	Atom 230	1.60	512KB	1GB	None	160GB[2]	None	Mirage 3+	None	None	None	Black	None	XP Home	Sep 09
3014-1BU	Atom 230	1.60	512KB	1GB	None	160GB	None	Mirage 3+	None	None	None	Black	None	XP Home	Sep 09

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *Super power saving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Basic one key system recovery function*

Processor	**Intel® Atom™ processor 230** with single-core, Hyper-Threading Technology, Intel 64 Technology, Execute Disable Bit, 533MHz system bus, and 512KB L2 cache
Memory	**1GB std**, 2GB max[8], **PC2-5300 667MHz DDR2**, non-parity, single-channel capable, one 200-pin SO-DIMM socket; standard memory in socket; no sockets available
Graphics	**SiS® Mirage™ 3+ Graphics Engine**, integrated graphics in SiS672, uses main memory, one VGA DB-15 connector
SATA disk SATA controller SATA DVD±RW Media reader	**160GB**, SATA 3.0Gb/s, 2.5" wide, 5400 rpm Serial ATA, SATA 3.0Gb/s, integrated in SiS968 None None
Chipset	**SiS672** Northbridge **/** **SiS968** Southbridge (SATA 3.0Gb/s, ethernet MAC, USB)
Front ports Rear ports Audio External speakers Internal speaker Ethernet Wireless Modem Security chip	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm) Four USB 2.0, ethernet (RJ-45), monitor (VGA DB-15), line-out (stereo, 3.5mm) High Definition (HD) audio, RealTek® ALC662 codec None None Gigabit ethernet on planar, Realtek® RLT8111DL None None None
11b/g[28] TV tuner Remote control Camera	None None None None
Keyboard Mouse Stand Mount bracket	None None Detachable stand (matching color with chassis) None

Tiny Desktop (0.5L)
- Black color
- 6.01" W X 0.8" D X 6.8" H
- 153mm W X 20mm D X 172mm H
- 1.67 lb (0.76kg) including stand
- No bays, no slots

Preloaded operating system[20]
- Genuine Windows® XP Home Edition

Preloaded applications[14] (only some listed)
- Recovery wizard
- Driver and Application Installation
- Trend Micro™ PC-cillin™ Internet Security 2008

65-watt AC adapter
RoHS-compliant

Limited Warranty[1]
- ↪ **1-year parts and labor**
- ↪ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)**
- ↪ **Service upgrade options (in eligible locations):[9]**
  - **3-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1551)
- ↪ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US models announced September 15, 2009
US models withdrawn effective October, 2010

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(NR1-1) October 2010

Type-model	Processor	GHz	L2 cache	Memory[8]	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Vista preload	Avail date
3016-1BU	Atom 230	1.60	512KB	*2GB*	None	250GB[2]	None	NVIDIA ION	None	None	None	Black	None	Prem 32	Sep 09

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *Attaches to the back of selected VESA-compatible monitor for more space saving*
- *Super powersaving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Support 1080p full HD multimedia playback and 3D gaming*
- *Basic one key system recovery function*

Processor	**Intel® Atom™ processor 230** with single-core, Hyper-Threading technology, Intel 64 Technology, Execute Disable Bit, 533MHz system bus, and 512KB L2 cache
Memory	**2GB std**, 3GB max[8], **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, one 200-pin SO-DIMM socket; *Italics:* standard memory 1GB soldered to systemboard, 1GB in socket; no sockets available
Graphics	**NVIDIA® ION™ graphics processor**, DirectX 10, PureVideo® HD technology, Full HD decode (1080i/p) uses main memory, one HDMI connector, HDCP-compliant
SATA disk SATA controller SATA DVD±RW Media reader	**250GB**, SATA 3.0Gb/s, 2.5" wide, 5400 rpm Serial ATA, SATA 3.0Gb/s, integrated in ION graphics processor None None
Chipset	**NVIDIA® ION chipset (MCP7A-ION),** integrates all features of a modern chipset's North and South bridges into a single chip package
Front ports Rear ports Audio External speakers Internal speaker Ethernet Wireless Modem Security chip	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm), Four USB 2.0, ethernet (RJ-45), monitor (HDMI), line-out (stereo, 3.5mm) High Definition (HD) audio, RealTek® ALC662 codec None None Gigabit ethernet on planar, Realtek® RLT8111DL None None None
11b/g[28] TV tuner Remote control Camera	None None None None
Keyboard Mouse Stand Mount Bracket	None None Detachable stand (matching color with chassis) Mount bracket (black), meets the VESA 75mm and 100mm mount standard

Tiny Desktop (0.5L)
- Black color
- 6.01" W X 0.8" D X 6.8" H
- 153mm W X 20mm D X 172mm H
- 1.67 lb (0.76kg) include stand
- No bays, no slots

Preloaded operating system[20]
- Genuine Windows® Vista® Home Premium 32

Preloaded applications[14] (only some listed)
- Recovery wizard
- Driver and Application Installation
- Trend Micro™ PC-cillin™ Internet Security 2008
- CyberLink PowerDVD

65-watt AC adapter
RoHS-compliant

Limited Warranty[1]
- ➥ **1-year parts and labor**
- ➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)**
- ➥ **Service upgrade options (in eligible locations):**[9]
  - **3-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1551)
- ➥ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US model announced September 15, 2009
US models withdrawn effective October, 2010

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Lenovo IdeaCentre Q150

Lenovo IdeaCentre Q150
(NVIDIA ION models)

Lenovo IdeaCentre Q150
(NVIDIA ION models)

Lenovo IdeaCentre Q150

Lenovo IdeaCentre Q150
with optional Lenovo Mini Wireless Keyboard N5901
(57Y6336)

Lenovo IdeaCentre Q150
with optional mini USB keyboard and mouse

IdeaCentre™ Q150 (4081) - GMA - withdrawn

Type-model	Processor	GHz	L2 cache	Memory[8]	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Keyboard/ Mouse	Win7 preload	Avail date
4081-3AU	Atom D410	1.66	512KB	1GBx1	160GB[2]	None	GMA 3150	None	None	11b/g/n[28]	Black	None	USB/USB	XP Home	Jul 10

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- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *Attaches to the back of selected VESA-compatible monitor for more space saving*
- *Super powersaving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Atom™ processor D410** with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 800MHz), integrated graphics controller, Hyper-Threading technology, and 512KB L2 cache
Memory	**1GB std**, 2GB max[8], **PC2-6400 800MHz DDR2**, non-parity, one 200-pin SO-DIMM socket
Graphics	**Intel Graphics Media Accelerator 3150 (GMA 3150)**, in processor, uses main memory, one analog VGA DB-15 connector
SATA disk SATA controller SATA DVD±RW Media reader	**160GB**, SATA 3.0Gb/s, 2.5" wide, 5400 rpm Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset None None
Chipset	**Intel NM10 Express Chipset**
Front ports Rear ports	Two USB 2.0, S/PDIF-out Two USB 2.0, ethernet (RJ-45), monitor (VGA DB-15) line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)
Audio External speakers Internal speaker Ethernet Modem Security chip	High Definition (HD) audio, RealTek® ALC662 codec None None 10/100M ethernet on planar, Intel 82552V None None
11b/g/n[28] TV tuner Remote control Camera	11b/g/n wireless[4], PCIe Mini Card, RealTek® RTL8191SU None None None
Keyboard Mouse Stand Mount bracket	Mini Keyboard (USB connector), black Mini Optical Wheel Mouse (USB connector), black Detachable stand (matching color with chassis) Mount bracket (black), meets the VESA 75mm and 100mm mount standard

Tiny Desktop (0.5L)
- Black color
- 6.05" W X 6.8" D X 0.85" H
- 153.6mm W X 172.7mm D X 21.7mm H
- 1.76 lb (0.8 kg) including stand
- No bays, no slots

Preloaded operating system[20]
- Genuine Windows® XP Home Edition

Preloaded applications[14] (only some listed)
- Lenovo Rescue System
- Driver and Application Installation
- McAfee® VirusScan® Plus 2009 (60 days of virus definitions)

65-watt AC adapter
RoHS-compliant

Limited Warranty[1]
- ↪ **1-year parts and labor**
- ↪ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3], **8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)**
- ↪ **Service upgrade options (in eligible locations):**[9]
  - **3-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1551)
- ↪ **24x7**[14] **toll-free support for warranty issues during the warranty period**[1] **via 877-453-6686**

See footnotes for important warranty information
US model announced July 28, 2010
US models withdrawn effective October, 2010

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(NR2-1) October 2010

IdeaCentre™ Q150 (4081) - GMA (web models) - withdrawn

Type-model	Processor	GHz	L2 cache	Memory[8]	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Keyboard/ Mouse	Win7 preload	Avail date
4081-5AU	Atom D410	1.66	512KB	1GBx1	160GB[2]	None	GMA 3150	None	None	11b/g/n[28]	Black	None	USB/USB	XP Home	Jul 10

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *Attaches to the back of selected VESA-compatible monitor for more space saving*
- *Super power saving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Atom™ processor D410** with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 800MHz), integrated graphics controller, Hyper-Threading technology, and 512KB L2 cache
Memory	**1GB std**, 2GB max[8], **PC2-6400 800MHz DDR2**, non-parity, one 200-pin SO-DIMM socket
Graphics	**Intel Graphics Media Accelerator 3150 (GMA 3150)**, in processor, uses main memory, one analog VGA DB-15 connector
SATA disk SATA controller SATA DVD±RW Media reader	**160GB**, SATA 3.0Gb/s, 2.5" wide, 5400 rpm Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset None None
Chipset	**Intel NM10 Express Chipset**
Front ports Rear ports	Two USB 2.0, S/PDIF-out Two USB 2.0, ethernet (RJ-45), monitor (VGA DB-15) line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)
Audio External speakers Internal speaker Ethernet Modem Security chip	High Definition (HD) audio, RealTek® ALC662 codec None None 10/100M ethernet on planar, Intel 82552V None None
11b/g/n[28] TV tuner Remote control Camera	11b/g/n wireless[4], PCIe Mini Card, RealTek® RTL8191SU None None None
Keyboard Mouse Stand Mount bracket	Mini Keyboard (USB connector), black Mini Optical Wheel Mouse (USB connector), black Detachable stand (matching color with chassis) Mount bracket (black), meets the VESA 75mm and 100mm mount standard

Tiny Desktop (0.5L)
- Black color
- 6.05" W X 6.8" D X 0.85" H
- 153.6mm W X 172.7mm D X 21.7mm H
- 1.76 lb (0.8 kg) including stand
- No bays, no slots

Preloaded operating system[20]
- Genuine Windows® XP Home Edition

Preloaded applications[14] (only some listed)
- Lenovo Rescue System
- Driver and Application Installation
- McAfee® VirusScan® Plus 2009 (60 days of virus definitions)

65-watt AC adapter
RoHS-compliant

Limited Warranty[1]
- ☞ **1-year parts and labor**
- ☞ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)**
- ☞ **Service upgrade options (in eligible locations):[9]**
  - **3-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1551)
- ☞ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

IdeaCentre™ Q150 (4081) - GMA (Windows 7) - web only - withdrawn

Type-model	Processor	GHz	L2 cache	Memory[8]	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Keyboard/ Mouse	Win7 preload	Avail date
4081-1DU	Atom D410	1.66	512KB	1GBx1	250GB[2]	None	GMA 3150	None	None	11b/g/n[28]	Black	None	2.4GHz	Prem 32	Feb 11

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *Attaches to the back of selected VESA-compatible monitor for more space saving*
- *Super power saving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Atom™ processor D410** with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 800MHz), integrated graphics controller, Hyper-Threading technology, and 512KB L2 cache
Memory	**1GB std**, 2GB max[8], **PC2-6400 800MHz DDR2**, non-parity, one 200-pin SO-DIMM socket
Graphics	**Intel Graphics Media Accelerator 3150 (GMA 3150)**, in processor, uses main memory, one analog VGA DB-15 connector
SATA disk	**250GB**, SATA 3.0Gb/s, 2.5" wide, 5400 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset
SATA DVD±RW	None
Media reader	None
Chipset	**Intel NM10 Express Chipset**
Front ports	Two USB 2.0, S/PDIF-out
Rear ports	Two USB 2.0, ethernet (RJ-45), monitor (VGA DB-15) line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)
Audio	High Definition (HD) audio, RealTek® ALC662 codec
External speakers	None
Internal speaker	None
Ethernet	10/100M ethernet on planar, Intel 82552V
Modem	None
Security chip	None
11b/g/n[28]	11b/g/n wireless[4], PCIe Mini Card, RealTek® RTL8191SU
TV tuner	None
Remote control	None
Camera	None
Keyboard	2.4GHz Wireless Mini Keyboard N5901, palm-sized dimensions, keyboard and mouse (with track ball) combo, via micro-size USB receiver
Mouse	None
Stand	Detachable stand (matching color with chassis)
Mount bracket	Mount bracket (black), meets the VESA 75mm and 100mm mount standard

Tiny Desktop (0.5L)
- Black color
- 6.05" W X 6.8" D X 0.85" H
- 153.6mm W X 172.7mm D X 21.7mm H
- 1.76 lb (0.8 kg) including stand
- No bays, no slots

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 32

Preloaded applications[14] (only some listed)
- Lenovo Rescue System
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)

65-watt AC adapter
RoHS-compliant

Limited Warranty[1]
- ☞ **1-year parts and labor**
- ☞ **Customer Replaceable Unit (CRU) parts only** (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)
- ☞ **Service upgrade options (in eligible locations):[9]**
  - **3-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1551)
- ☞ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US model(s) announced February 16, 2011
US model(s) withdrawn effective April 2013

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(NR2-5) April 2013

IdeaCentre™ Q150 (4081) - NVIDIA® ION™ (Windows 7) - withdrawn

Type-model	Processor	GHz	L2 cache	Memory[8]	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Keyboard/ Mouse	Win7 preload	Avail date
4081-4AU	Atom D510	1.66	1MB	2GBx1 DDR2	250GB[2]	None	NVIDIA ION	None	None	11b/g/n[28]	Black	None	2.4GHz	Prem 32	Jul 10
4081-2GU	Atom D525	1.80	1MB	2GBx1 DDR3	250GB	None	NVIDIA ION	None	None	11b/g/n	Black	None	USB	Prem 64	Apr 11
4081-2HU	Atom D525	1.80	1MB	2GBx1 DDR3	250GB	None	NVIDIA ION	None	None	11b/g/n	Black	None	2.4GHz	Prem 64	Apr 11

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- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *Attaches to the back of selected VESA-compatible monitor for more space saving*
- *Super power saving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Support 1080p full HD multimedia playback and 3D gaming*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Atom™ processor D510** with **dual-core**, integrated DDR2 memory controller (up to 800MHz), integrated graphic controller, Hyper-Threading technology, and 1MB L2 cache **Intel Atom Processor D525** with **dual-core**, integrated DDR2/DDR3 memory controller (up to 800MHz), integrated graphic controller, Hyper-Threading Technology, and 1MB L2 cache
Memory	**2GB std**, 2GB max[8]; *Some:* **PC2-6400 800MHz DDR2**, non-parity, one 200-pin SO-DIMM socket; *Some:* **PC3-6400 800MHz DDR3**, non-parity, one 204-pin SO-DIMM socket
Graphics	**NVIDIA® ION™ graphics processor**, DirectX® 10, **512MB** memory PureVideo® HD technology, Full HD decode (1080i/p), one analog VGA DB-15 connector, one HDMI connector, HDCP-compliant
SATA disk SATA controller SATA DVD±RW Media reader	**250GB**, SATA 3.0Gb/s, 2.5" wide, 5400 rpm Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset None None
Chipset	**Intel NM10 Express Chipset**
Front ports Rear ports Audio External speakers Internal speaker Ethernet Modem Security chip	Two USB 2.0, S/PDIF-out Two USB 2.0, ethernet (RJ-45), monitor (VGA DB-15, HDMI), line-in (stereo, 3.5mm), line-out (stereo, 3.5mm) High Definition (HD) audio, RealTek® ALC662 codec None None 10/100M ethernet on planar, Intel 82552V None None
11b/g/n[28] TV tuner Remote control Camera	11b/g/n wireless[4], PCIe Mini Card, RealTek® RTL8191SU None None None
Keyboard Mouse Stand Mount bracket	*Some:* Mini Keyboard (USB connector), black *Some:* 2.4GHz Wireless Mini Keyboard N5901, palm-sized dimensions, keyboard and mouse (with track ball) combo, via micro-size USB receiver *Some:* Mini Optical Wheel Mouse (USB connector), black Detachable stand (matching color with chassis) Mount bracket (black), meets the VESA 75mm and 100mm mount standard

Tiny Desktop (0.5L)
- Black color
- 6.05" W X 6.8" D X 0.85" H
- 153.6mm W X 172.7mm D X 21.7mm H
- 1.76 lb (0.8 kg) including stand
- No bays, no slots

Preloaded operating system[20]
- *Some:* Genuine Windows® 7 Home Premium 32
- *Some:* Genuine Windows 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo Rescue System
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- CyberLink PowerDVD (discrete models)

65-watt AC adapter
RoHS-compliant

Limited Warranty[1]
- ➲ **1-year parts and labor**
- ➲ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)**
- ➲ **Service upgrade options (in eligible locations):[9]**
  - **3-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1553)
- ➲ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US model(s) announced July 28, 2010 or April 7, 2011
US model(s) withdrawn effective April 2013

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(NR2-2) April 2013

Type-model	Processor	GHz	L2 cache	Memory[8]	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Keyboard/ Mouse	Win7 preload	Avail date
4081-6AU	Atom D510	1.66	1MB	2GBx1	500GB[2]	None	NVIDIA ION	None	None	11b/g/n[28]	Black	None	USB/USB	Prem 32	Jul 10
4081-1EU	Atom D510	1.66	1MB	2GBx1	500GB	None	NVIDIA ION	None	None	11b/g/n	Black	None	2.4GHz	Prem 64	Feb 11
4081-2MU	Atom D525	1.80	1MB	2GBx1	500GB	None	NVIDIA ION	None	None	11b/g/n	Black	None	2.4GHz	Prem 64	Nov 11

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- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *Attaches to the back of selected VESA-compatible monitor for more space saving*
- *Super power saving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Support 1080p full HD multimedia playback and 3D gaming*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	**Intel® Atom™ processor D510** with **dual-core**, integrated DDR2 memory controller (up to 800MHz), Hyper-Threading technology, and 1MB L2 cache **Intel Atom Processor D525** with **dual-core**, integrated DDR2/DDR3 memory controller (up to 800MHz), Hyper-Threading Technology, and 1MB L2 cache
Memory	**2GB std**, 2GB max[8], **PC2-6400 800MHz DDR2**, non-parity, one 200-pin SO-DIMM socket
Graphics	**NVIDIA® ION™ graphics processor**, DirectX® 10, **512MB** memory PureVideo® HD technology, Full HD decode (1080i/p), one analog VGA DB-15 connector, one HDMI connector, HDCP-compliant
SATA disk SATA controller SATA DVD±RW Media reader	**500GB**, SATA 3.0Gb/s, 2.5" wide, 5400 rpm Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset None None
Chipset	**Intel NM10 Express Chipset**
Front ports Rear ports Audio External speakers Internal speaker Ethernet Modem Security chip	Two USB 2.0, S/PDIF-out Two USB 2.0, ethernet (RJ-45), monitor (VGA DB-15, HDMI) line-in (stereo, 3.5mm), line-out (stereo, 3.5mm) High Definition (HD) audio, RealTek® ALC662 codec None None 10/100M ethernet on planar, Intel 82552V None None
11b/g/n[28] TV tuner Remote control Camera	11b/g/n wireless[4], PCIe Mini Card, RealTek® RTL8191SU None None None
Keyboard Mouse Stand Mount bracket	*Some:* Mini Keyboard (USB connector), black *Some:* 2.4GHz Wireless Mini Keyboard N5901, palm-sized dimensions, keyboard and mouse (with track ball) combo, via micro-size USB receiver *Some:* Mini Optical Wheel Mouse (USB connector), black Detachable stand (matching color with chassis) Mount bracket (black), meets the VESA 75mm and 100mm mount standard

Tiny Desktop (0.5L)
- Black color
- 6.05" W X 6.8" D X 0.85" H
- 153.6mm W X 172.7mm D X 21.7mm H
- 1.76 lb (0.8 kg) including stand
- No bays, no slots

Preloaded operating system[20]
- *Some:* Genuine Windows® 7 Home Premium 32
- *Some:* Genuine Windows 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo Rescue System
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- CyberLink PowerDVD (discrete models)

65-watt AC adapter
RoHS-compliant

Limited Warranty[1]
- ➥ **1-year parts and labor**
- ➥ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)**
- ➥ **Service upgrade options (in eligible locations):[9]**
  - **3-year Lenovo Onsite Repair 9x5 often Next Business Day** (78Y1553)
- ➥ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

See footnotes for important warranty information
US model(s) announced July 28, 2010 or February 16 or November 23, 2011
US model(s) withdrawn effective April 2013

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ideacentre

Lenovo IdeaCentre Q700

Lenovo IdeaCentre Q700

Lenovo IdeaCentre Q700

Lenovo IdeaCentre Q700

Lenovo IdeaCentre Q700
(TV IN and AV IN on some models)

Lenovo IdeaCentre Q700
(TV IN and AV IN on some models)

Type-model	Processor	GHz	L2 cache	Cores	Memory[8]	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Vista preload	Avail date
3015-1AU	E5200	2.50	2MB	2	*4GB*	4-in-1	320GB[2]	DVD±RW	GMA X4500				Black	None	Prem 64	Aug 09
3015-1BU	E5200	2.50	2MB	2	*4GB*	4-in-1	500GB	DVD±RW	GMA X4500			11b/g	Black	None	Prem 64	Aug 09
3015-1CU	E5200	2.50	2MB	2	*4GB*	4-in-1	640GB	DVD±RW	GMA X4500	TV	Remote	11b/g	Black	None	Prem 64	Aug 09

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows*

Processor	**Intel® Pentium® Processor E5200** with **dual-core**, 800MHz system bus, Intel 64 Technology, Execute Disable Bit, EIST, and 2MB L2 cache
Implementation	Processor in FC-LGA6 package in LGA775 socket
Memory	**4GB std**, 4GB max[8], **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets *Italics:* standard memory in two sockets; no sockets available
Graphics	**Intel Graphics Media Accelerator X4500 (GMA X4500)**, integrated graphics in G43, uses main memory, one VGA DB-15 connector, one HDMI connector, HDCP-compliant
SATA disk	**320GB**, **500GB**, or **640GB** SATA 3Gb/s, 7200 rpm
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH10
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive, 12.7mm, slot-in
SATA cables	Two SATA cables (each 1-drop to device), two SATA connectors
eSATA port	One external SATA (eSATA) port
EIDE controller	None
Diskette drive	None
Media reader	4-in-1 media reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)
Chipset	**Intel G43 Express Chipset** (PCI Express® x16), I/O Controller Hub 10 [ICH10] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB)
Front ports	Four USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)
Rear ports	Four USB 2.0, one eSATA, ethernet (RJ-45), monitor (VGA DB-15, HDMI) *3015-1CU:* AV IN port, TV IN port
Rear audio ports	Line-in (stereo, 3.5mm), three line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm), SPDIF-out
Audio	High Definition (HD) audio, RealTek® ALC888s codec
External speakers	None
Internal speaker	None
Ethernet	Gigabit ethernet on planar, Intel 82567V
Wireless	*Some:* 11b/g wireless[4], Broadcom® BCM4312, PCIe x1 adapter
Modem	None
Security chip	None
Mini PCI Express	Two Mini PCI Express slots
11b/g[28]	*Some:* 11b/g wireless, Broadcom® BCM4312, miniPCIe x1 adapter
TV tuner	*Some:* Hybrid tuner, support analog (NTSC) and digital (ATSC) signal , AverMedia Hybrid ATSC PCIe miniCard A317, miniPCIe x 1 adapter
Remote control	*Some:* Philips® Vista MCE remote control (40/45 button), IR receiver integrated
Camera	None
Keyboard	104-key wired keyboard (USB connector)
Mouse	Wired optical wheel mouse (USB connector)
Power supply	120 watts, AC adapter, auto switch

Ultra Small Form Factor (3.5L)
- Black color bezel
- 2.36" W X 7.87" D X 9.84" H
- 60mm W X 200mm D X 250mm H
- 5.69 lb (2.58 kg)

Bay ① 3.5", 1" high, no access, standard disk
Bay ② 0.5" (12.7mm) high, no access, slot-in opt drive

Slot 1: Mini PCI Express *
Slot 2: Mini PCI Express **

* Wireless adapter in slot in some models
** TV tuner in slot in some models

Security
- Security slot (in rear for optional Kensington Microsaver cable)
- Power-on password
- Administrator password
- Boot sequence control
- Boot without keyboard, mouse, diskette

Available at these retailers
- lenovo.com

Limited Warranty[1]
- ➯ **1-year parts and labor**
- ➯ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts[3], 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)**
- ➯ **Service upgrade options (in eligible locations):[9]**
  - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1551)
- ➯ **24x7[14] toll-free support for warranty issues during the warranty period[1] via 877-453-6686**

Preloaded operating system[20]
- Genuine Windows® Vista® Home Premium 64
- ✧ Vista Premium logo

Preloaded applications[5]
- Lenovo® OneKey Recovery
- Driver and Application Installation
- Trend Micro™ PC-cillin™ Internet Security 2008
- Windows Live™ Toolbar
- Media Show
- CyberLink Power2Go (DVD±RW)

See footnotes for important warranty information
US models announced August 11, 2009
US models withdrawn effective August, 2010

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(THT1-1) August 2010

IdeaCentre™ Q700 (3015) - Windows 7 - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	L2 cache	Cores	Memory[8]	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Win7 preload	Avail date
3015-1LU	E5200	2.50	2MB	2	*4GB*	4-in-1	640GB[2]	DVD±RW	GMA X4500	TV	Remote		Black	None	Prem 64	Oct 09
3015-1JU	E5300	2.60	2MB	2	*4GB*	4-in-1	500GB	DVD±RW	GMA X4500	TV	Remote	11b/g	Black	None	Prem 64	Oct 09
3015-1KU	E7500	2.93	3MB	2	*4GB*	4-in-1	640GB	DVD±RW	GMA X4500	TV	Remote	11b/g	Black	None	Prem 64	Oct 09

- ***IdeaCentre Q series provide ultimate multimedia experience for home entertainment***
- ***Lenovo Rescue System provides OneKey recovery without booting into Windows***

Processor	**Intel® Pentium® Processor E5200** or **E5300** with **dual-core**, 800MHz system bus, and 2MB L2 cache or **Intel Core™ 2 Duo Processor E7500** with **dual-core** 1066MHz system bus, and 3MB L2 cache
Implementation	Processor in FC-LGA6 package in LGA775 socket
Memory	**4GB std**, 4GB max[8], **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets *Italics:* standard memory in two sockets; no sockets available
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SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH10
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive, 12.7mm, slot-in
SATA cables	Two SATA cables (each 1-drop to device), two SATA connectors
eSATA port	One external SATA (eSATA) port
EIDE controller	None
Diskette drive	None
Media reader	4-in-1 media reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)
Chipset	**Intel G43 Express Chipset** (PCI Express® x16), I/O Controller Hub 10 [ICH10] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB)
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Wireless	*Some:* 11b/g wireless[4], Broadcom® BCM4312, PCIe x1 adapter
Modem	None
Security chip	None
Mini PCI Express 11b/g[28]	Two Mini PCI Express slots *Some:* 11b/g wireless, Broadcom® BCM4312, miniPCIe x1 adapter
TV tuner	Hybrid tuner, support analog (NTSC) and digital (ATSC) signal, AverMedia Hybrid ATSC PCIe miniCard A317, miniPCIe x 1 adapter
Remote control	Philips® MCE remote control (40/45 button), IR receiver integrated
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Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[5]
- Lenovo® OneKey Recovery
- Driver and Application Installation

- McAfee VirusScan® Plus 2009 (30 days of virus definitions)
- Media Show
- CyberLink Power2Go (DVD±RW)

See footnotes for important warranty information
US models announced October 23, 2009
US models withdrawn effective August, 2010

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(THT1-2) August 2010

Partial list of accessories supported on:
IdeaCentre A, B, C, D, K, and Q series desktops

Storage and removable storage
Lenovo Portable DVD Burner DB50 (black)   57Y6487
Lenovo Portable DVD Burner DB50 (white)   57Y6488

Keyboard
Lenovo Wired Keyboard K4803A (black)   57Y6566
Lenovo Mini Wireless Keyboard N5901A[52]   57Y6599 *ann 10/26/10*
Lenovo Mini Wireless Keyboard N5901[52] (blk) 57Y6336 *ann 12/08/09*
  [52] Wireless via 2.4GHz technology using a micro-size USB receiver.

Mouse
Lenovo Optical Mouse A6010 (red)   57Y6483
Lenovo Optical Mouse A6010 (black)   57Y6255
Lenovo Mini Optical Mouse S10B (white)   55Y9358
Bluetooth Laser Mice N6901A (glossy black)   57Y6482
Lenovo Wireless Mouse N30B (black)   55Y9360
Wireless Mouse N3903A (metal)   57Y6596
Wireless Mouse N3903A (coffee)   57Y6666 *ann 01/25/11*
Wireless Mouse N3902A (black)   57Y6574
Wireless Mouse N3902A (red)   57Y6673 *ann 01/25/11*

Multimedia
Lenovo Headset P550   55Y2065
Lenovo Headset P950 (black)   57Y6605 *ann 02/08/11*
Lenovo mini speaker M220   55Y2033
Lenovo speaker M0520 (black)   57Y6360 *ann 02/08/11*
Lenovo speaker M0520 (red)   57Y6361 *ann 02/08/11*

For more information on accessories:
www.lenovo.com/accessories
   Purchase Lenovo accessories

www.lenovo.com/support/accessories
   Product specifications on Lenovo Support

www.lenovo.com/accessoriesguide
   Option Compatibility Matrix (OCM) and accessory brochures

www.lenovoquickpick.com
   An Options Compatibility Configurator for Lenovo systems

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