



*Personal Systems Reference
Lenovo® Essential Notebooks
2006 - 2013 Withdrawn*

Last Update: April 2014 - Version 452



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Lenovo B560



Lenovo B560



Lenovo B560



Lenovo B560

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	HDMI con-necter	eSATA port	Win7 preload	Avail date
4330-2AU	i3-380M	2.53	None	2GB	15.6" HD	0.3M	Intel HD	320GB 5400 ⁸	DVD±RW	11b/g/n ²⁸	Black	None	eSATA	Pro 64	Aug 12
4330-2BU	i3-380M	2.53	None	4GB	15.6" HD	0.3M	Intel HD	500GB 5400	DVD±RW	11b/g/n	Black	None	eSATA	Pro 64	Aug 12

- 15.6" widescreen, glossy display
- Integrated 0.3 megapixel camera
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Core™ i3-380M processor (dual-core, 2.53GHz, 3MB cache), DDR3 memory controller (up to 1066MHz), HT technology	Preloaded operating system²⁰ - Genuine Windows® 7 Professional 64 Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • CyberLink YouCam • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Memory	8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets;	
Diskette drive	None	
SATA DVD±RW	DVD burner, dual-layer support, removable, 12.7mm high, tray-in	
SATA disk	Hard Disk Drive / SATA 1.5Gb/s, 2.5" wide, 9.5mm high, removable, upgradable,	
Widescreen display	15.6" (396mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus	
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector (on selected models)	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch controls	None	
Touch pad	Touch pad with two button, supports scroll feature	
Dimensions ³	<i>(WxDxH):</i> 14.88" x 10.04" x 0.71" to 1.34"; 378mm x 255mm x 18 to 34mm	65-watt AC adapter RoHS-compliant Limited Warranty¹² ⇨ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Weight ²	with optical drive and battery: <i>6-cell:</i> from 5.51 lb (2.50kg)	
Case color	Black top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>6-cell:</i> up to 4 hr	
Chipset	Mobile Intel HM55 Express Chipset	
ExpressCard/34	None	
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Three USB 2.0, one USB 2.0/eSATA combo port, ethernet (RJ-45), external monitor (VGA DB-15, HDMI on selected models)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, 1x1	
Bluetooth™	None	
Modem	None	
Ethernet	Gigabit ethernet, Atheros® AR8131L	
Audio support	High Definition (HD) Audio, Realtek® ALC269Q codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security lockhole	
Fingerprint reader	None	

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

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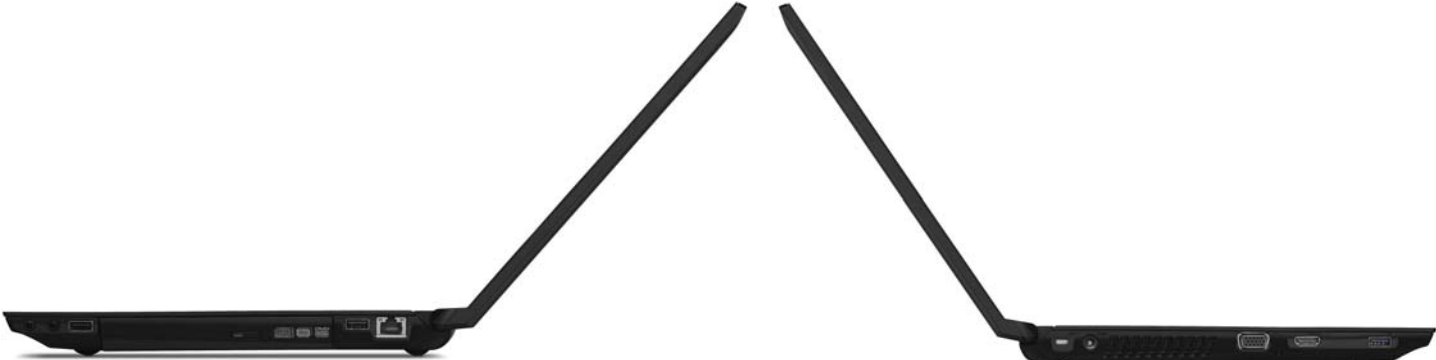
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Lenovo B575e



Lenovo B575e



Lenovo B575e

Lenovo B575e



Lenovo B575e



Lenovo B575e

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card WLAN / BT	Top color	HDMI con-necter	Preload	Avail date
3685-A2U	E2-1800	1.70	None	2GB	15.6" HD Glos	720p	HD 7340	320GB 5400 ⁸	DVD±RW	11b/g/n	Black	HDMI	Pro 64	Nov 12
3685-A3U	E2-1800	1.70	None	4GB	15.6" HD Glos	720p	HD 7340	500GB 5400	DVD±RW	11b/g/n	Black	HDMI	Pro 64	Nov 12
3685-A4U	E2-1800	1.70	None	4GB	15.6" HD Glos	720p	HD 7340	500GB 5400	DVD±RW	11b/g/n	Black	HDMI	Prem 64	Nov 12
3685-A5U	E2-1800	1.70	None	2GB	15.6" HD	720p	HD 7340	320GB 5400	DVD±RW	11b/g/n	Black	HDMI	Pro 64	Nov 12
3685-A6U	E2-1800	1.70	None	4GB	15.6" HD	720p	HD 7340	500GB 5400	DVD±RW	11b/g/n	Black	HDMI	Pro 64	Nov 12

- 15.6" widescreen, anti-glare
- Integrated 720p HD camera

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> AMD Accelerated Processor E2-1800 (dual-core, 1.70GHz, 1MB L2 cache), integrated AMD Radeon HD 7340 Graphics, integrated DDR3 memory controller (up to 1333MHz)	Preloaded operating system²⁰ - <i>Some:</i> Genuine Windows® 7 Home Premium 64 - <i>Some:</i> Genuine Windows 7 Professional 64	
Memory	4GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, one 204-pin SO-DIMM socket; * System automatically clocks down for processors with 1066MHz memory controller		
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable.		
Widescreen display	<i>Some:</i> 15.6" (396mm) HD (1366x768) TFT color , anti-glare, LED backlight , 220 nits, 16:9 aspect ratio <i>Some:</i> 15.6" (396mm) HD (1366x768) TFT color , VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio		
Camera	HD720p Camera on top of screen, 1.0-megapixel, fixed focus		
Integrated graphics	AMD Radeon HD 7340 Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector		
Keyboard Numeric keypad Touch controls Touch pad	Full-size keyboard, multimedia Fn keys, recovery key Numeric keypad on right of keyboard None Touch pad with two buttons, supports scroll feature, multi-touch		
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	(<i>WxDxH</i>): 14.88" x 9.92" x 1.32"; 378mm x 252mm x 33.5mm with optical drive and battery: <i>6-cell</i> : from 5.34 lb (2.42kg) Black top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell <i>6-cell</i> : up to 6.5 hr		
Chipset ExpressCard/34 Multicard reader Ports	AMD A68M FCH None 4-in-1 reader (MMC, Secure Digital Card, SDXC, SDHC) One USB 3.0, two USB 2.0, ethernet (RJ-45), external monitor (VGA DB-15, HDMI)		
TV tuner PCIe Mini Card 11b/g/n ²⁸ Bluetooth™ Modem Ethernet Audio support	None One PCI Express Mini Card slot 11b/g/n, PCIe Half Mini Card, Wi-Fi + Bluetooth combo adapter, 1x1 None None Gigabit ethernet, Realtek® RTL8111F High Definition (HD) Audio, Realtek® 272 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)		
Security Fingerprint reader	Power-on password, hard disk password, supervisor password, security lockhole None		
Limited warranty ¹²	1-year - depot repair service		65-watt AC adapter ENERGY STAR® 5.0-compliant RoHS-compliant

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

Lenovo® B575e (3685) - TopSeller (Windows 8) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card WLAN / BT	Top color	HDMI connector	Preload	Avail date
3685-A7U	E2-1800	1.70	None	2GB	15.6" HD	720p	HD 7340	320GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win8 Pro64	Nov 12
3685-A8U	E2-1800	1.70	None	4GB	15.6" HD	720p	HD 7340	320GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win8 Pro64	Nov 12
3685-A9U	E2-1800	1.70	None	4GB	15.6" HD	720p	HD 7340	500GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win8 Pro64	Nov 12
3685-AAU	E2-1800	1.70	None	4GB	15.6" HD	720p	HD 7340	500GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win8 64	Nov 12
59360210	E2-1800	1.70	None	2GB	15.6" HD	720p	HD 7340	320GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win7 Pro64	Nov 12
59360211	E2-1800	1.70	None	4GB	15.6" HD	720p	HD 7340	500GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win7 Pro64	Nov 12

- 15.6" widescreen, anti-glare
- Integrated 720p HD camera

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> AMD Accelerated Processor E2-1800 (dual-core, 1.70GHz, 1MB L2 cache), integrated AMD Radeon HD 7340 Graphics, integrated DDR3 memory controller (up to 1333MHz)	Preloaded operating system²⁰ - <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - <i>Some:</i> Windows 8 Pro 64-bit - <i>Some:</i> Windows 8 Pro 64-bit
Memory	4GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, one 204-pin SO-DIMM socket; * System automatically clocks down for processors with 1066MHz memory controller	
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable.	
Widescreen display Camera	15.6" (396mm) HD (1366x768) TFT color , anti-glare, LED backlight , 220 nits, 16:9 aspect ratio HD720p Camera on top of screen, 1.0-megapixel, fixed focus	
Integrated graphics	AMD Radeon HD 7340 Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector	
Keyboard Numeric keypad Touch controls Touch pad	Full-size keyboard, multimedia Fn keys, recovery key Numeric keypad on right of keyboard None Touch pad with two buttons, supports scroll feature, multi-touch	
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	(<i>WxDxH</i>): 14.88" x 9.92" x 1.32"; 378mm x 252mm x 33.5mm with optical drive and battery: <i>6-cell</i> : from 5.34 lb (2.42kg) Black top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell <i>6-cell</i> : up to 6.5 hr	
Chipset ExpressCard/34 Multicard reader Ports	AMD A68M FCH None 4-in-1 reader (MMC, Secure Digital Card, SDXC, SDHC) One USB 3.0, two USB 2.0, ethernet (RJ-45), external monitor (VGA DB-15, HDMI)	
TV tuner PCIe Mini Card 11b/g/n ²⁸ Bluetooth™ Modem Ethernet Audio support	None One PCI Express Mini Card slot 11b/g/n, PCIe Half Mini Card, Wi-Fi + Bluetooth combo adapter, 1x1 None None Gigabit ethernet, Realtek® RTL8111F High Definition (HD) Audio, Realtek® 272 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security Fingerprint reader Limited warranty ¹²	Power-on password, hard disk password, supervisor password, security lockhole None 1-year - depot repair service	

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

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(BOLT3-2) February 2013

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Lenovo B590



Lenovo B590



Lenovo B590
(With HM77 chipset)

Lenovo B590
(With HM70 chipset)



Lenovo B590



Lenovo B590

Type-model	Processor	Max turbo GHz (GHz)	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card WLAN / BT	Top color	HDMI connector	Preload	Avail date
59356652	i3-2328M	2.20	No 2GBx1	15.6" HD	720p	Intel HD 3000	320GB 5400 ⁸	DVD±RW	11b/g/n ²⁸	Black	HDMI	Win8 Pro64	Oct 12
59356648	i3-2328M	2.20	No 4GBx1	15.6" HD	720p	Intel HD 3000	500GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win8 Pro64	Oct 12
59356645	i3-2328M	2.20	No 4GBx1	15.6" HD	720p	Intel HD 3000	320GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win8 Pro64	Oct 12
59356651	i3-2328M	2.20	No 4GBx1	15.6" HD	720p	Intel HD 3000	500GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win8 64	Oct 12
59359397	i3-2328M	2.20	No 2GBx1	15.6" HD	720p	Intel HD 3000	320GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win7 Pro64	Nov 12
59359396	i3-2328M	2.20	No 4GBx1	15.6" HD	720p	Intel HD 3000	500GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win7 Pro64	Nov 12
59366616	i3-2348M	2.30	No 2GBx1	15.6" HD	720p	Intel HD 3000	320GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win7 Pro64	Jan 13
59366609	i3-2348M	2.30	No 2GBx1	15.6" HD	720p	Intel HD 3000	320GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win8 Pro64	Jan 13
59366614	i3-2348M	2.30	No 4+2GB	15.6" HD	Glos	720p Intel HD 3000	750GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win7 Pro64	Jan 13
59366612	i3-2348M	2.30	No 4+2GB	15.6" HD	Glos	720p Intel HD 3000	750GB 5400	DVD±RW	11b/g/n	Black	HDMI	Win8 Pro64	Jan 13

- 15.6" widescreen, anti-glare display
- Integrated camera

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i3-2328M processor (2 cores, 2.20GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-2348M processor (2 cores, 2.30GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology	Preloaded operating system²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 64-bit - Some: Windows 8 Pro 64-bit Preloaded applications (only some listed) - Windows 7 models • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader® • CyberLink YouCam • Microsoft® Office 2010 preloaded; purchase product key to activate - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo Settings • Microsoft Office 2013 preloaded; purchase product key to activate - All models • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Lenovo Cloud Storage
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3 , non-parity, two 204-pin SO-DIMM sockets; * System automatically clocks down for processors with 1333MHz memory controller	
Diskette drive	None	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	Hard Disk Drive / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable,	
mSATA™ SSD	None	
Widescreen display	Some: 15.6" (396mm) HD (1366x768) TFT color , anti-glare, LED backlight , 200 nits, 16:9 aspect ratio Some: 15.6" (396mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio	
Camera	HD720p Camera on top of screen, fixed focus	
Integrated graphics	Intel HD Graphics 3000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch controls	None	
Touch pad	Touch pad with two button, supports scroll feature, multi-touch	
Dimensions ³	(WxDxH): 14.88" x 9.92" x 1.32"; 378mm x 252mm x 33.4mm	
Weight ²	with optical drive and battery: 6-cell: from 5.51 lb (2.5kg)	
Case color	Black top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	6-cell: up to 6 hr	
Chipset	Mobile Intel HM77 Express Chipset	
ExpressCard/34	None	
Multicard reader	4-in-1 reader (MMC, SD, SDHC, SDXC)	
Ports	Two USB 3.0, two USB 2.0, ethernet (RJ-45), external monitor (VGA DB-15, HDMI)	
TV tuner	None	
PCIe Mini Card	Two PCI Express Mini Card slots	
11b/g/n ²⁸	11b/g/n, PCIe Half Mini Card, Wi-Fi + Bluetooth combo adapter, 1x1	
WWAN	None	
Bluetooth™	None	
Modem	None	
Ethernet	Gigabit ethernet, Realtek® RTL8111F	
Audio support	High Definition (HD) Audio, Realtek® 269Q codec / stereo speakers (2.0 watt x 2) / microphone, microphone input and headphone combo jack	
Security	Power-on password, hard disk password, supervisor password, security lockhole	
Fingerprint reader	None	
Limited warranty ¹²	1-year - depot repair service	65-watt AC adapter EPEAT™ Sliver rating ENERGY STAR® compliant RoHS-compliant

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

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Lenovo G460



Lenovo G460



Lenovo G460



Lenovo G560

Type-model	Processor	Max turbo GHz (GHz)	Memory	Widescreen display	Camera	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload	Avail date	
0677-2GU	i3-330M	2.13	4GB	14.0" HD	0.3M	Intel HD	320GB ⁸	DVD±RW	11b/g/n ²⁸	Black	HDMI	Blue	6-cell	Prem 64	Jan 10	
0677-7CU	i3-370M	2.40	4GB	14.0" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	HDMI	Blue	6-cell	Pro 64	Oct 10	
0677-7DU	i5-460M	2.53	2.80	4GB	14.0" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	HDMI	Blue	Pro 64	Oct 10	
0677-7TU	i3-370M	2.40	4GB	14.0" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	HDMI	Blue	6-cell	Prem 64	Oct 10	
0677-7UU	i5-460M	2.53	2.80	4GB	14.0" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	HDMI	Blue	6-cell	Prem 64	Oct 10
0677-7SU	i3-370M	2.40	4GB	14.0" HD	0.3M	Intel HD	750GB	DVD±RW	11b/g/n	Black	HDMI	Blue	6-cell	Pro 64	Dec 10	
0677-2WU	i5-430M	2.26	2.53	4GB	14.0" HD	0.3M	GF 310M	320GB	DVD±RW	Intel 1000	Black	HDMI	Blue	6-cell	Prem 64	Dec 10
0677-7EU	i5-560M	2.66	3.20	4GB	14.0" HD	0.3M	GF 310M	500GB	DVD±RW	Intel 1000	Black	HDMI	Blue	6-cell	Prem 64	Dec 10
0677-9UU	i3-380M	2.53	4GB	14.0" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	HDMI	Blue	6-cell	Prem 64	Mar 11	
0677-9XU	i5-480M	2.66	2.93	4GB	14.0" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	HDMI	Blue	6-cell	Prem 64	Mar 11

- **14.0" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning	<i>Widescreen flexibility; two-spindle</i>	Intel® Core™ i3 processor i3-330M, 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 Intel Core i5 processor i5-430M, i5-460M, i5-480M, or i5-560M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system²⁰ - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64 Preloaded applications¹⁴ (only some listed)
Processo			
Memory	4GB std / 8GB max⁷ / PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available		<ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (DVD±RW)
Diskette drive	None		
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in		
SATA disk	320GB (5400 rpm), 500GB (5400 rpm), or 750GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high		
Widescreen display	14.0" (355.6mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	Camera on top of screen, 0.3-megapixel, fixed focus		
Graphics	<i>Some:</i> Intel HD Graphics in processor, <i>Some:</i> NVIDIA® GeForce® 310M, PCI Express x16, 512MB memory, DirectX 10.1, PureVideo® HD technology, CUDA™ technology external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector		
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key		
Numeric keypad	None		
Touch controls	OneKey Theater, mute, volume up, and volume down buttons		
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)		
Dimensions ³	(WxDxH): 13.4" x 9.13" x 0.68" to 1.35"; 340.0mm x 231.8mm x 17.2 to 34.4mm		
Weight ²	with optical drive and battery: <i>6-cell:</i> from 4.85 lb (2.2kg)		
Case color	Black top, black bottom		
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic		
Battery - type	Lithium Ion 6-cell		
Battery - life ¹⁰	<i>Discrete models:</i> up to 3.5 hr; <i>Integrated models:</i> up to 4 hr		
Chipset	Mobile Intel HM55 Express Chipset		
ExpressCard/34	One slot (ExpressCard/34)		
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)		
Ports	Two USB 2.0, one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		
TV tuner	None		
PCIe Mini Card	One PCI Express Mini Card slot		
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter		
Bluetooth™	Bluetooth 2.1 wireless, USB 2.0 interface		
Modem	None		
Ethernet	10/100 ethernet, RealTek® RTL8103EL		
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)		
Security	Power-on password, hard disk password, supervisor password, security lockhole		
Fingerprint reader	None		
			Limited Warranty¹² ↪ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686

See footnotes for important warranty information
 US models announced March 2, 2011; previous models on January 26, October 20, or December 1, 2010
 US models withdrawn effective March 2014

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	Camera	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload
4328-24U	i3-2310M	2.10		2GBx2	14.0" HD	2.0M	Intel HD	500GB ⁸	DVD±RW	11b/g/n ²⁸	Dark brown	HDMI	Blue	6-cell	Prem 64
4328-25U	i3-2310M	2.10		2GBx2	14.0" HD	2.0M	Intel HD	500GB	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4328-26U	i5-2410M	2.30	2.90	2GBx2	14.0" HD	2.0M	Intel HD	500GB	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4328-27U	i5-2410M	2.30	2.90	2+4GB	14.0" HD	2.0M	HD 6370M	640GB	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4328-2UU	i5-2410M	2.30	2.90	2GBx2	14.0" HD	2.0M	Intel HD	500GB	Blu-ray	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4328-2VU	i5-2410M	2.30	2.90	4GBx2	14.0" HD	2.0M	Intel HD	750GB	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4328-2WU	i5-2410M	2.30	2.90	4GBx2	14.0" HD	2.0M	Intel HD	750GB	Blu-ray	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4328-35U	i5-2410M	2.30	2.90	2+4GB	14.0" HD	2.0M	Intel HD	750GB	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4328-34U	B800	1.50		4GBx1	14.0" HD	2.0M	Intel HD	500GB	DVD±RW	11b/g/n	Dark brown	HDMI		6-cell	Prem 64
4328-39U	i3-2330M	2.20		4GBx1	14.0" HD	2.0M	Intel HD	500GB	DVD±RW	11b/g/n	Dark brown	HDMI		6-cell	Prem 64
4328-3DU	i5-2430M	2.40	3.00	4GBx1	14.0" HD	2.0M	Intel HD	500GB	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4328-3CU	i5-2430M	2.40	3.00	4+2GB	14.0" HD	2.0M	Intel HD	750GB	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4328-3BU	i5-2430M	2.40	3.00	4GBx2	14.0" HD	2.0M	Intel HD	750GB	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64

- 14.0" widescreen, glossy display
- Integrated 2.0 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows
- These system are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning	Widescreen flexibility; two-spindle	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (DVD±RW)
Processo	Intel® Celeron® B800 processor (dual-core, 1.50GHz, 2MB cache), DDR3 memory controller (up to 1333MHz) Intel Core™ i3-2310M processor (2 cores / 4 threads, 2.10GHz, 3MB cache), DDR3 memory controller (up to 1333MHz) Intel Core i3-2330M processor (2 cores / 4 threads, 2.20GHz, 3MB cache), DDR3 memory controller (up to 1333MHz) Intel Core i5-2410M processor (2 cores / 4 threads, 2.30GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz) Intel Core i5-2430M processor (2 cores / 4 threads, 2.40GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.00GHz)	
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	
Diskette drive	None	
SATA optical	Some: DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in Some: Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in	
SATA disk	500GB (5400 rpm), 640GB (5400 rpm), or 750GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	14.0" (355.6mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus	
Graphics	Some: Intel HD Graphics in processor; Some: AMD Radeon™ HD 6370M Graphics , PCI Express x16, 512MB memory, DirectX® 11; external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector (HDCP-compliant)	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	None	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	(WxDxH): 13.4" x 9.13" x 0.68" to 1.35"; 340.0mm x 231.8mm x 17.2 to 34.4mm	
Weight ²	with optical drive and battery: 6-cell : from 4.85 lb (2.2kg)	
Case color	Black top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>Discrete models</i> : up to 5 hr; <i>Integrated models</i> : up to 6 hr	
Chipset	Mobile Intel HM65 Express Chipset	
ExpressCard/34	None	
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	Some: Bluetooth 2.1 wireless + EDR, USB 2.0 interface	
Modem	None	
Ethernet	10/100 ethernet, Atheros AR8152L	
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Hard disk password, user password, administrator password, security lockhole	
Fingerprint reader	None	
Limited Warranty¹² ⇨ 1-year warranty* : * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686		

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

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	Cam-era	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	HDMI con-necter	Blue-tooth	Battery cells	Win7 preload
4328-3UU	i5-2450M	2.50	3.10	4GBx1	14.0" HD	2.0M	Intel HD	500GB ⁸	DVD±RW	11b/g/n ²⁸	Dark brown	HDMI	Blue	6-cell	Prem 64
4328-3YU	i5-2450M	2.50	3.10	4GBx1	14.0" HD	2.0M	Intel HD	750GB	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4328-3VU	i5-2450M	2.50	3.10	4+2GB	14.0" HD	2.0M	Intel HD	750GB	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4328-3RU	i5-2450M	2.50	3.10	4GBx2	14.0" HD	2.0M	Intel HD	750GB	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4328-3ZU	i5-2450M	2.50	3.10	4GBx2	14.0" HD	2.0M	Intel HD	750GB	Blu-ray	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64

- **14.0" widescreen, glossy display**
- **Integrated 2.0 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **These system are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Core™ i5-2450M processor (2 cores / 4 threads, 2.50GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz)	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	Preloaded applications¹⁴ (only some listed)
Diskette drive	None	<ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (DVD±RW)
SATA optical	<i>Some:</i> DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in <i>Some:</i> Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in	
SATA disk	500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	14.0" (355.6mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus	
Graphics	Intel HD Graphics in processor; external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector (HDCP-compliant)	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	None	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	<i>(WxDxH):</i> 13.4" x 9.13" x 0.68" to 1.35"; 340.0mm x 231.8mm x 17.2 to 34.4mm	
Weight ²	with optical drive and battery: <i>6-cell:</i> from 4.85 lb (2.2kg)	
Case color	Dark brown top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	Limited Warranty¹² ⇨ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Battery - life ¹⁰	<i>Discrete models:</i> up to 5 hr; <i>Integrated models:</i> up to 6 hr	
Chipset	Mobile Intel HM65 Express Chipset	
ExpressCard/34	None	
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface	
Modem	None	
Ethernet	10/100 ethernet, Atheros AR8152L	
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Hard disk password, user password, administrator password, security lockhole	
Fingerprint reader	None	

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

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	HDMI con-necter	Express-Card	eSATA port	Win7 preload	Avail date
0679-3JU	i5-430M	2.26	2.53	4GB	15.6" HD	0.3M	Intel HD	320GB ⁸	DVD±RW	11b/g/n ²⁸	Black	HDMI	/34	eSATA	Prem 64	Apr 10
0679-98U	P6100	2.00		4GB	15.6" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black				Prem 64	Aug 10
0679-99U	P6100	2.00		4GB	15.6" HD	0.3M	Intel HD	320GB	DVD±RW	11b/g/n	Black				Prem 64	Aug 10
0679-AJU	P6200	2.13		2GB	15.6" HD	0.3M	Intel HD	250GB	DVD±RW	11b/g/n	Black				Prem 64	Feb 11
0679-ALU	P6200	2.13		4GB	15.6" HD	0.3M	Intel HD	320GB	DVD±RW	11b/g/n	Black				Prem 64	Feb 11
0679-AKU	i3-380M	2.53		4GB	15.6" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black				Prem 64	Feb 11

- 15.6" widescreen, glossy display
- Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning	Widescreen flexibility; two-spindle	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (DVD±RW)
Processo	Intel® Pentium® processor P6100 or P6200 with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), and 3MB cache or Intel Core™ i3 processor 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 with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	
Memory	2GB or 4GB std / 8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; 1 socket available	
Diskette drive	None	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	250GB (5400 rpm), 320GB (5400 rpm), or 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus	
Integrated graphics	Intel HD Graphics in processor , external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector (on selected models)	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch controls	OneKey Theater, mute, volume up, and volume down buttons	
Touch pad	One-piece touch pad with two button function, supports scroll feature	
Dimensions ³	(WxDxH): 14.83" x 9.83" x 0.68" to 1.37"; 376.8mm x 249.8mm x 17.3 to 34.9mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 5.73 lb (2.6kg)	
Case color	Black top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>6-cell</i> : up to 4 hr	
Chipset	Mobile Intel HM55 Express Chipset	
ExpressCard/34	<i>Some:</i> One slot (ExpressCard/34)	
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Two USB 2.0, one USB 2.0/eSATA combo port (eSATA available on selected models), ethernet (RJ-45), monitor (VGA DB-15, HDMI on selected models)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter	
Bluetooth™	None	
Modem	None	
Ethernet	10/100 ethernet, RealTek® RTL8103EL	
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security lockhole	
Fingerprint reader	None	
		Limited Warranty¹² ↪ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options ⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ↪ 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

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	HDMI con-necter	Blue-tooth	Battery cells	Win7 preload	Avail date
0679-23U	i3-330M	2.13	None	4GB	15.6" HD	0.3M	Intel HD	320GB ⁸	DVD±RW	11b/g/n ²⁸	Black	HDMI	None	6-cell	Prem 64	Apr 10

- **15.6" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **This system is Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning	<i>Widescreen flexibility; two-spindle</i>										Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64				
Processo	Intel® Core™ i3 processor i3-330M with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache										Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (DVD±RW)				
Memory	4GB std / 8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available														
Diskette drive	None														
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in														
SATA disk	320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high														
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio														
Camera	Camera on top of screen, 0.3-megapixel, fixed focus														
Integrated graphics	Intel HD Graphics in processor , external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector														
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key														
Numeric keypad	Numeric keypad on right of keyboard														
Touch controls	OneKey Theater, mute, volume up, and volume down buttons														
Touch pad	One-piece touch pad with two button function, supports scroll feature														
Dimensions ³	<i>(WxDxH):</i> 14.83" x 9.83" x 0.68" to 1.37"; 376.8mm x 249.8mm x 17.3 to 34.9mm										65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant				
Weight ²	with optical drive and battery: <i>6-cell:</i> from 5.73 lb (2.6kg)														
Case color	Black top, black bottom														
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic														
Battery - type	Lithium Ion 6-cell										Limited Warranty¹² ↪ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options⁵⁸ (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686				
Battery - life ¹⁰	<i>6-cell:</i> up to 4 hr														
Chipset	Mobile Intel HM55 Express Chipset														
ExpressCard/34	One slot (ExpressCard/34)														
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)														
Ports	Two USB 2.0, one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)														
TV tuner	None														
PCIe Mini Card	One PCI Express Mini Card slot														
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter														
Bluetooth™	None														
Modem	None														
Ethernet	10/100 ethernet, RealTek® RTL8103EL														
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)														
Security	Power-on password, hard disk password, supervisor password, security lockhole														
Fingerprint reader	None														

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

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Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload	Avail date
0679-2AU	i3-330M	2.13	4GB	15.6" HD	0.3M	Intel HD	320GB ⁸	DVD±RW	11b/g/n ²⁸	Black	HDMI	None	6-cell	Prem 64	Jan 10

- **15.6" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **This system is Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning	<i>Widescreen flexibility; two-spindle</i>										Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64				
Processo	Intel® Core™ i3-330M with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache										Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (DVD±RW)				
Memory	4GB std / 8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available														
Diskette drive	None														
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in														
SATA disk	320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high														
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio														
Camera	Camera on top of screen, 0.3-megapixel, fixed focus														
Integrated graphics	Intel HD Graphics in processor , external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector														
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key														
Numeric keypad	Numeric keypad on right of keyboard														
Touch controls	OneKey Theater, mute, volume up, and volume down buttons														
Touch pad	One-piece touch pad with two button function, supports scroll feature														
Dimensions ³	<i>(WxDxH):</i> 14.83" x 9.83" x 0.68" to 1.37"; 376.8mm x 249.8mm x 17.3 to 34.9mm										65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant				
Weight ²	with optical drive and battery: <i>6-cell:</i> from 5.73 lb (2.6kg)														
Case color	Black top, black bottom														
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic														
Battery - type	Lithium Ion 6-cell										Limited Warranty¹² ↪ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options⁵⁸ (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686				
Battery - life ¹⁰	<i>6-cell:</i> up to 4 hr														
Chipset	Mobile Intel HM55 Express Chipset														
ExpressCard/34	One slot (ExpressCard/34)														
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)														
Ports	Two USB 2.0, one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)														
TV tuner	None														
PCIe Mini Card	One PCI Express Mini Card slot														
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter														
Bluetooth™	None														
Modem	None														
Ethernet	10/100 ethernet, RealTek® RTL8103EL														
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)														
Security	Power-on password, hard disk password, supervisor password, security lockhole														
Fingerprint reader	None														

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

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(EFL2-1) January 2010

Lenovo® G560e (1050) - Integrated (Windows 7) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	GHz	Memory	Widescreen or display	CCFL LED	Cam-era	Integrated graphics	Chipset	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Card reader	Blue-tooth	Win7 preload	Avail date
1050-42U	T3500	2.10	2GBx1	15.6" HD	LED	0.3M	4500MHD	GM45	250GB ⁸	DVD±RW	11b/g/n ²⁸	Dark Blue	5-in-1	None	Prem 64	Apr 11

- **15.6" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **This system is Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Celeron® Processor T3500 with dual-core , 800MHz system bus, and 1MB L2 cache	Preloaded operating system²⁰ - Genuine Windows 7 Home Premium 64
Memory	8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 250GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable	65-watt AC adapter Wireless on/off switch RoHS-compliant Limited Warranty¹² ⇒ 1-year warranty* : * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇒ Mail In repair service ⇒ Service upgrade options (in eligible locations):⁹ • 3-year Depot warranty 78Y1538 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇒ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Widescreen display Camera	15.6" (396.2mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio Camera on top of screen, 0.3-megapixel, fixed focus	
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, external analog monitor support via VGA DB-15 connector; <i>Max external resolution: 2048x1536@85Hz (VGA)</i>	
Keyboard Numeric keypad Touch pad	Full-size keyboard, Fn keys, recovery key Numeric keypad on right of keyboard Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	(<i>WxDxH</i>): 14.8" x 9.8" x 0.7" to 1.4"; 376mm x 249.8mm x 17.3 to 34.9mm with optical drive and battery: <i>6-cell</i> : from 5.73 lb (2.6 kg) Dark blue top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell <i>6-cell</i> : up to 4 hr	
Chipset	Mobile Intel GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub	
ExpressCard/34 Multicard reader	None 5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Three USB 2.0, external monitor (VGA), ethernet (RJ-45)	
TV tuner Mini PCI Express 11b/g/n Bluetooth™ Modem Ethernet Audio support	None One Mini PCI Express slot 11b/g/n wireless ⁴ , PCIe Half Mini Card, Broadcom® or Atheros® chip None None 10/100 ethernet, Atheros AR8152L High Definition (HD) Audio, Conexant 20671 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security Fingerprint reader	Power-on password, user password, supervisor password, security lockhole None	

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

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(WSHT1-1) April 2011

Lenovo® G570 (4334) - Windows 7 - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload
4334-46U	i3-2310M	2.10		4GBx1	15.6" HD	0.3M	Intel HD	500GB ⁸	DVD±RW	11b/g/n ²⁸	Dark brown	HDMI		6-cell	Prem 64
4334-5NU	i3-2310M	2.10		2GBx2	15.6" HD	0.3M	Intel HD	320GB	DVD±RW	11b/g/n	Dark brown			6-cell	Prem 64
4334-5TU	i3-2310M	2.10		2GBx2	15.6" HD	0.3M	Intel HD	750GB	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
4334-62U	B940	2.00		2+1GB	15.6" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black			6-cell	Prem 64
4334-4JU	B940	2.00		2GBx1	15.6" HD	0.3M	Intel HD	320GB	DVD±RW	11b/g/n	Black			6-cell	Prem 64
4334-4QU	B940	2.00		2GBx2	15.6" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black			6-cell	Prem 64
4334-7RU	B950	2.10		2GBx1	15.6" HD	0.3M	Intel HD	320GB	DVD±RW	11b/g/n	Black			6-cell	Prem 64
4334-7UU	B950	2.10		4GBx1	15.6" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black			6-cell	Prem 64
4334-7PU	i3-2330M	2.20		4GBx1	15.6" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black			6-cell	Prem 64
4334-7QU	i3-2330M	2.20		4+2GB	15.6" HD	0.3M	Intel HD	750GB	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
4334-8PU	i5-2430M	2.40	3.00	4GBx1	15.6" HD	0.3M	Intel HD	750GB	DVD±RW	11b/g/n	Black			6-cell	Prem 64
4334-9HU	B960	2.20		2GBx1	15.6" HD	0.3M	Intel HD	320GB	DVD±RW	11b/g/n	Black			6-cell	Prem 64
4334-9EU	B960	2.20		4GBx1	15.6" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black			6-cell	Prem 64
4334-9LU	i3-2350M	2.30		4GBx1	15.6" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black			6-cell	Prem 64
4334-9KU	i5-2450M	2.50	3.10	4GBx1	15.6" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black			6-cell	Prem 64
4334-DBU	i3-2350M	2.30		4GBx1	15.6" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Dark brown	HDMI		6-cell	Prem 64
4334-DDU	i5-2450M	2.50	3.10	4GBx1	15.6" HD	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Dark brown	HDMI		6-cell	Prem 64

- 15.6" widescreen, glossy display
- These systems are Microsoft Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i></p> <p>Intel® Pentium® B940 processor (2 cores / 2 threads, 2.00GHz, 2MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Pentium B950 processor (2 cores / 2 threads, 2.10GHz, 2MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Pentium B960 processor (2 cores / 2 threads, 2.20GHz, 2MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Core™ i3-2310M processor (2 cores / 4 threads, 2.10GHz, 3MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Core i3-2330M processor (2 cores / 4 threads, 2.20GHz, 3MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Core i3-2350M processor (2 cores / 4 threads, 2.30GHz, 3MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Core i5-2430M processor (2 cores / 4 threads, 2.40GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.00GHz)</p> <p>Intel Core i5-2450M processor (2 cores / 4 threads, 2.50GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz)</p>	<p>Preloaded operating system²⁰</p> <ul style="list-style-type: none"> - Genuine Windows® 7 Home Premium 64 <p>Preloaded applications¹⁴ (only some listed)</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • CyberLink YouCam • Microsoft® Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (DVD±RW)
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	
Diskette drive	None	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	320GB (5400 rpm), 500GB (5400 rpm), or 750GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus	
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector, <i>Some:</i> digital monitor support via HDMI connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	(WxDxH): 14.83" x 9.83" x 0.68" to 1.37"; 376.8mm x 249.8mm x 17.3 to 34.9mm	
Weight ²	with optical drive and battery: <i>6-cell:</i> from 5.73 lb (2.6kg)	
Case color	Black or dark brown top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>Integrated models:</i> up to 6 hr	
Chipset	Mobile Intel HM65 Express Chipset	
ExpressCard/34	None	
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI on some models), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless + EDR, USB 2.0 interface	
Modem	None	
Ethernet	10/100 ethernet, Atheros AR8152L	
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Hard disk password, user password, administrator password, security lockhole	
Fingerprint reader	None	
		<p>65-watt AC adapter</p> <p>Wireless on/off switch</p> <p>EPEAT™ Gold rating</p> <p>ENERGY STAR® 5.0-compliant</p> <p>RoHS-compliant</p> <p>Limited Warranty¹²</p> <ul style="list-style-type: none"> ↪ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options⁵⁸ (in eligible locations):⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686

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

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Lenovo® G570 (4334) - Windows 7 (August 2012) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload
4334-ECU	B970	2.30		4GBx1	15.6" HD	0.3M	Intel HD	500GB ⁸	DVD±RW	11b/g/n ²⁸	Black	None	None	6-cell	Prem 64
4334-EAU	i3-2370M	2.40		4GBx1	15.6" HD	0.3M	Intel HD 3000	500GB	DVD±RW	11b/g/n	Black	None	None	6-cell	Prem 64
4334-EEU	i5-2450M	2.50	3.10	4GBx1	15.6" HD	0.3M	Intel HD 3000	500GB	DVD±RW	11b/g/n	Black	None	None	6-cell	Prem 64

- 15.6" widescreen, glossy display
- Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows
- These systems are Microsoft Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i></p> <p>Intel® Pentium® B970 processor (2 cores / 2 threads, 2.30GHz, 2MB cache), DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics Intel Core™ i3-2370M processor (2 cores / 4 threads, 2.40GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics 3000 Intel Core i5-2450M processor (2 cores / 4 threads, 2.50GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz) integrated Intel HD Graphics 3000</p>	<p>Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64</p> <p>Preloaded applications¹⁴ (only some listed)</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • CyberLink YouCam • Microsoft® Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (DVD±RW)
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display Camera	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus	
Integrated graphics	Intel HD Graphics or Intel HD Graphics 3000 in processor, external analog monitor support via VGA DB-15 connector	
Keyboard Numeric keypad Touch pad	Full-size keyboard, multimedia Fn keys, recovery key Numeric keypad on right of keyboard Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	(<i>WxDxH</i>): 14.83" x 9.83" x 0.68" to 1.37"; 376.8mm x 249.8mm x 17.3 to 34.9mm with optical drive and battery: <i>6-cell</i> : from 5.73 lb (2.6kg) Black or dark brown top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell <i>Integrated models</i> : up to 6 hr	<p>Limited Warranty¹²</p> <p>↪ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter</p> <p>↪ Mail In repair service</p> <p>↪ Service upgrade options⁵⁸ (in eligible locations):⁹</p> <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 <p>↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686</p>
Chipset ExpressCard/34 Multicard reader	Mobile Intel HM65 Express Chipset None 5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI on some models), ethernet (RJ-45)	
TV tuner PCIe Mini Card 11b/g/n ²⁸ Bluetooth™ Modem Ethernet Audio support	None One PCI Express Mini Card slot 11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip None None 10/100 ethernet, Atheros AR8152L High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security Fingerprint reader	Hard disk password, user password, administrator password, security lockhole None	

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

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Lenovo® G570 (4334) - Windows 7 (web only models) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	Camera	Integrated graphics	SATA disk GB ⁸ rpm	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload
4334-2HU	i3-2310M	2.10		2GBx2	15.6" HD	2.0M	Intel HD	500GB 5400	DVD±RW	11b/g/n ²⁸	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-2JU	i3-2310M	2.10		2GBx2	15.6" HD	2.0M	Intel HD	500GB 5400	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-2KU	i5-2410M	2.30	2.90	2GBx2	15.6" HD	2.0M	Intel HD	500GB 5400	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-4AU	i5-2410M	2.30	2.90	2GBx2	15.6" HD	2.0M	Intel HD	500GB 5400	Blu-ray	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-5JU	i5-2410M	2.30	2.90	4GBx2	15.6" HD	2.0M	Intel HD	750GB 5400	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-5HU	i5-2410M	2.30	2.90	4GBx2	15.6" HD	2.0M	Intel HD	750GB 5400	Blu-ray	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-5ZU	B940	2.00		2GBx1	15.6" HD	2.0M	Intel HD	500GB 5400	DVD±RW	11b/g/n	Dark brown	HDMI		6-cell	Prem 64
4334-5YU	B940	2.00		4GBx1	15.6" HD	2.0M	Intel HD	500GB 5400	DVD±RW	11b/g/n	Dark brown	HDMI		6-cell	Prem 64
4334-7XU	B800	1.50		4GBx1	15.6" HD	2.0M	Intel HD	500GB 5400	DVD±RW	11b/g/n	Dark brown	HDMI		6-cell	Prem 64
4334-A2U	i5-2430M	2.40	3.00	4GBx1	15.6" HD	2.0M	Intel HD	500GB 5400	Blu-ray	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-A8U	i5-2430M	2.40	3.00	4+2GB	15.6" HD	2.0M	Intel HD	750GB 5400	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-B7U	i5-2430M	2.40	3.00	4GBx2	15.6" HD	2.0M	Intel HD	500GB 7200	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-B8U	i5-2430M	2.40	3.00	4+2GB	15.6" HD	2.0M	Intel HD	500GB 7200	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-CYU	i3-2350M	2.30		4+2GB	15.6" HD	2.0M	Intel HD	500GB 5400	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-A5U	i5-2430M	2.40	3.00	4GBx2	15.6" HD	2.0M	Intel HD	750GB 5400	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-D4U	i5-2450M	2.50	3.10	4GBx2	15.6" HD	2.0M	Intel HD	500GB 5400	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-CZU	i5-2450M	2.50	3.10	4GBx2	15.6" HD	2.0M	Intel HD	750GB 5400	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-AUU	i5-2450M	2.50	3.10	4GBx1	15.6" HD	2.0M	Intel HD	500GB 5400	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-D3U	i5-2450M	2.50	3.10	4+2GB	15.6" HD	2.0M	Intel HD	750GB 5400	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-B6U	i5-2450M	2.50	3.10	4GBx2	15.6" HD	2.0M	Intel HD	500GB 7200	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-B9U	i5-2450M	2.50	3.10	4+2GB	15.6" HD	2.0M	Intel HD	500GB 7200	DVD±RW	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64
4334-B2U	i5-2450M	2.50	3.10	4GBx2	15.6" HD	2.0M	Intel HD	750GB 5400	Blu-ray	11b/g/n	Dark brown	HDMI	Blue	6-cell	Prem 64

- 15.6" widescreen, glossy display
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i></p> <p>Intel® Celeron® B800 processor (2 cores / 2 threads, 1.50GHz, 2MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Pentium® B940 processor (2 cores / 2 threads, 2.00GHz, 2MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Core™ i3-2310M processor (2 cores / 4 threads, 2.10GHz, 3MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Core i3-2350M processor (2 cores / 4 threads, 2.30GHz, 3MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Core i5-2410M processor (2 cores / 4 threads, 2.30GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz)</p> <p>Intel Core i5-2430M processor (2 cores / 4 threads, 2.40GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.00GHz)</p> <p>Intel Core i5-2450M processor (2 cores / 4 threads, 2.50GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz)</p>	<p>Preloaded operating system²⁰</p> <ul style="list-style-type: none"> - Genuine Windows® 7 Home Premium 64 <p>Preloaded applications¹⁴ (only some listed)</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (DVD±RW)
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets;	
Diskette drive	None	
SATA optical	Some: DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in Some: Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in	
SATA disk	500GB (5400 rpm), 500GB (7200 rpm), or 750GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus	
Integrated graphics	Intel HD Graphics in processor , uses system memory, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	(WxDxH): 14.83" x 9.83" x 0.68" to 1.37"; 376.8mm x 249.8mm x 17.3 to 34.9mm	<p>Limited Warranty¹²</p> <p>↪ 1-year warranty*:</p> <p>* 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter</p> <p>↪ Mail In repair service</p> <p>↪ Service upgrade options⁵⁸ (in eligible locations):⁹</p> <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 <p>↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686</p>
Weight ²	with optical drive and battery: 6-cell: from 5.73 lb (2.6kg)	
Case color	Dark brown top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>Discrete models:</i> up to 5 hr; <i>Integrated models:</i> up to 6 hr	
Chipset	Mobile Intel HM65 Express Chipset	
ExpressCard/34	None	
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	Some: Bluetooth 2.1 wireless + EDR, USB 2.0 interface	
Modem	None	
Ethernet	10/100 ethernet, Atheros AR8152L	
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Hard disk password, user password, administrator password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information
US model(s) announced July 11, 2012;
US models withdrawn effective March 2014

Lenovo® G575 (4383) - Integrated - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload
4383-48U	AMD E-350	1.60	4GBx1	15.6" HD LED	0.3M	HD 6310M	500GB ⁸	DVD±RW	11b/g/n ²⁸	Black	None	None	6-cell	Prem 64
4383-3CU	AMD E-350	1.60	1+2GB	15.6" HD LED	0.3M	HD 6310M	320GB	DVD±RW	11b/g/n	Black	None	None	6-cell	Prem 64
4383-3YU	AMD E-450	1.65	4GBx1	15.6" HD LED	0.3M	HD 6320M	500GB	DVD±RW	11b/g/n	Black	None	None	6-cell	Prem 64
4383-4HU	AMD E-450	1.65	4GBx1	15.6" HD LED	0.3M	HD 6320M	320GB	DVD±RW	11b/g/n	Black	None	None	6-cell	Prem 64
4383-4WU	AMD E-450	1.65	4GBx1	15.6" HD LED	0.3M	HD 6320M	320GB	DVD±RW	11b/g/n	Black	None	None	6-cell	Prem 64
4383-5GU	AMD E-450	1.65	4GBx1	15.6" HD LED	0.3M	HD 6320M	320GB	DVD±RW	11b/g/n	Black	None	None	6-cell	Prem 64

- 15.6" widescreen, glossy display
- Integrated 0.3 or 2.0 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle AMD Accelerated Processor E-350 (dual-core, 1.60GHz, 1MB L2 cache), integrated AMD Radeon™ HD 6310M Graphics, integrated DDR3 memory controller (up to 1066MHz) AMD Accelerated Processor E-450 (dual-core, 1.65GHz, 1MB L2 cache), integrated AMD Radeon HD 6320M Graphics, integrated DDR3 memory controller (up to 1333MHz)	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Memory	8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, two 204-pin SO-DIMM sockets	
Diskette drive	None	
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	320GB (5400 rpm) or 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel or 2.0-megapixel, fixed focus	
Integrated graphics	<i>Some:</i> AMD Radeon HD 6310M Graphics , in processor, DirectX® 11, use system memory, <i>Some:</i> AMD Radeon HD 6320M Graphics , in processor, DirectX 11, use system memory, External monitor support via analog VGA DB-15 connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	40-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Dimensions ³	(WxDxH): 14.83" x 9.83" x 0.68" to 1.37"; 376.8mm x 249.8mm x 17.3 to 34.9mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 5.73 lb (2.6kg)	
Case color	Black top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	Limited Warranty¹²
Battery - life ¹⁰	<i>Integrated models</i> : up to 6 hr	↪ 1-year warranty* : * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options⁵⁸ (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Chipset	AMD A50M FCH	
ExpressCard/34	None	
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)	
Ports	Four USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	None	
Modem	None	
Ethernet	10/100 ethernet, Atheros AR8152L	
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Hard disk password, user password, administrator password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information

US model(s) announced August 17, 2012; previous models on August 10 or October 13, 2011 or March 21, 2012

US model(s) withdrawn effective March 2012, August, 2012

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Lenovo® G575 (4383) - Integrated (web only models) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload
4383-3NU	AMD E-350	1.60	4GBx1	15.6" HD LED	2.0M	HD 6310M	750GB ⁸	DVD±RW	11b/g/n ²⁸	Black	None	None	6-cell	Prem 64
4383-3PU	AMD E-350	1.60	4GBx1	15.6" HD LED	2.0M	HD 6310M	500GB	DVD±RW	11b/g/n	Black	None	None	6-cell	Prem 64

- **15.6" widescreen, glossy display**
- **Integrated 0.3 or 2.0 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> AMD Accelerated Processor E-350 (dual-core, 1.60GHz, 1MB L2 cache), integrated AMD Radeon™ HD 6310M Graphics, integrated DDR3 memory controller (up to 1066MHz)	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Memory	8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, two 204-pin SO-DIMM sockets	
Diskette drive	None	
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel or 2.0-megapixel, fixed focus	
Integrated graphics	AMD Radeon HD 6310M Graphics , in processor, DirectX® 11, use system memory, External monitor support via analog VGA DB-15 connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	(WxDxH): 14.83" x 9.83" x 0.68" to 1.37"; 376.8mm x 249.8mm x 17.3 to 34.9mm	40-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Weight ²	with optical drive and battery: <i>6-cell</i> : from 5.73 lb (2.6kg)	
Case color	Black top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>Integrated models</i> : up to 6 hr	
Chipset	AMD A50M FCH	
ExpressCard/34	None	
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)	
Ports	Four USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	None	
Modem	None	
Ethernet	10/100 ethernet, Atheros AR8152L	
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Hard disk password, user password, administrator password, security lockhole	
Fingerprint reader	None	

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

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 (SAMB1-2) August 2011

Lenovo® G575 (4383) - Integrated (web only) - March 2012- withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload
4383-4NU	AMD E-450	1.65	4GBx1	15.6" HD LED	0.3M	HD 6320M	500GB ⁸	DVD±RW	11b/g/n ²⁸	Black	None	None	6-cell	Prem 64

- **15.6" widescreen, glossy display**
- **Integrated 0.3 or 2.0 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **This system is Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> AMD Accelerated Processor E-450 (dual-core, 1.65GHz, 1MB L2 cache), integrated AMD Radeon™ HD 6320M Graphics, integrated DDR3 memory controller (up to 1333MHz)	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Memory	4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, one 204-pin SO-DIMM socket	
Diskette drive	None	
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel or 2.0-megapixel, fixed focus	
Integrated graphics	AMD Radeon HD 6320M Graphics , in processor, DirectX® 11, use system memory, External monitor support via analog VGA DB-15 connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	(WxDxH): 14.83" x 9.83" x 0.68" to 1.37"; 376.8mm x 249.8mm x 17.3 to 34.9mm	40-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Weight ²	with optical drive and battery: <i>6-cell</i> : from 5.73 lb (2.6kg)	
Case color	Black top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>Integrated models</i> : up to 6 hr	
Chipset	AMD A50M FCH	
ExpressCard/34	None	
Multicard reader	None	
Ports	Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	None	
Modem	None	
Ethernet	10/100 ethernet, Atheros AR8152L	
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / speaker (1.5 watt x 1) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Hard disk password, user password, administrator password, security lockhole	
Fingerprint reader	None	

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

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(SAMB1-4) March 2012

Lenovo® G575 (4383) - Switchable (web only models) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload
4383-4PU	AMD E-450	1.65	4+2GB	15.6" HD LED	0.3M	HD 6370M	750GB ⁸	DVD±RW	11b/g/n ²⁸	Black	None	BT2.1	6-cell	Prem 64

- **15.6" widescreen, glossy display**
- **Integrated 0.3 or 2.0 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> AMD Accelerated Processor E-450 (dual-core, 1.65GHz, 1MB L2 cache), integrated AMD Radeon™ HD 6320M Graphics, integrated DDR3 memory controller (up to 1333MHz)	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Memory	8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, two 204-pin SO-DIMM sockets	
Diskette drive	None	
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	750GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel or 2.0-megapixel, fixed focus	
Switchable graphics	Dynamic switching between discrete and integrated graphics (user selectable), AMD Radeon HD 6320M Graphics in processor, and AMD Radeon HD 6370M Graphics , PCI Express® x16, 1GB memory, DirectX® 11, external analog monitor support via VGA DB-15 connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	(WxDxH): 14.83" x 9.83" x 0.68" to 1.37"; 376.8mm x 249.8mm x 17.3 to 34.9mm	65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Weight ²	with optical drive and battery: <i>6-cell</i> : from 5.73 lb (2.6kg)	
Case color	Black top, black bottom	Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>Integrated models</i> : up to 6 hr	
Chipset	AMD A50M FCH	
ExpressCard/34	None	
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)	
Ports	Four USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface	
Modem	None	
Ethernet	10/100 ethernet, Atheros AR8152L	
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Hard disk password, user password, administrator password, security lockhole	
Fingerprint reader	None	

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

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(SAMB1-3) October 2011



Lenovo G480



Lenovo G480/G580



Lenovo G480/G580



Lenovo G580



Lenovo G480/G580
Red (Glossy)



Lenovo G480/G580
Dark Brown (hairline)



Lenovo G480/G580
Dark Brown (Glossy)



Lenovo G480/G580
Blue (Glossy)

Lenovo® G480 (2184) - web only models - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	Memory	Widescreen display	Cam-era	Graphics	SATA disk GB ^a rpm	SATA optical	PCIe Mini Card 802.11	Top color	HDMI con-necter	Blue-tooth	Battery cells	Win7 preload	Avail date (mm/yy)
2184-3PU	B820	4GBx1	14.0" HD	0.3M	Intel HD Graphics	750GB 5400	DVD±RW	11b/g/n ²⁸	Dark brown	HDMI		6-cell	Prem 64	07/12
2184-3NU	B820	4GBx1	14.0" HD	0.3M	Intel HD Graphics	1TB 5400	DVD±RW	11b/g/n	Dark brown	HDMI		6-cell	Prem 64	07/12
2184-27U	i5-3210M	4+2GB	14.0" HD	0.3M	Intel HD 4000	500GB 7200	DVD±RW	11b/g/n	Dark brown	HDMI	BT	6-cell	Prem 64	07/12
2184-22U	i5-3210M	4GBx2	14.0" HD	0.3M	Intel HD 4000	750GB 5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT	6-cell	Prem 64	07/12

- **14.0" widescreen, glossy display**
- **Integrated 0.3 megapixel or 720P HD camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **These system are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Celeron® B820 processor (2 cores / 2 threads, 1.70GHz, 2MB cache), DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics 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										Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed)			
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										<ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo Solution Center • ooVoo™ • PokeTALK • McAfee® Internet Security (30-Day Trial) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) 			
Diskette drive	None										<i>Integrated models:</i> 65-watt AC adapter <i>Optimus models:</i> 90-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant			
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in													
SATA disk	500GB (7200 rpm), 750GB (5400 rpm), or 1TB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high										Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset													
Widescreen display	14.0" (355.6mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 200 nits, 16:9 aspect ratio, 500:1 contrast ratio										⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			
Camera	Camera on top of screen, 0.3-megapixel or 720p HD, fixed focus													
Graphics	Intel HD Graphics or Intel HD Graphics 4000 , integrated in processor; external monitor support via analog VGA DB-15 connector / digital HDMI connector										Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key													
Numeric keypad	None										Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch													
Dimensions ³	<i>(WxDxH):</i> 13.35" x 9.06" x 0.68" to 1.33"; 339mm x 230mm x 17.2 to 33.8mm										Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			
Weight ²	with optical drive and battery: <i>6-cell:</i> from 4.85 lb (2.2kg)													
Case color	<i>Top:</i> Dark Brown (metal-like, hairline cover finishing); <i>bottom:</i> Black										Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic													
Battery - type	Lithium Ion 6-cell , 48Wh										Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			
Battery - life ¹⁰	<i>GT 630M models:</i> up to 4.5 hr; <i>610M models:</i> up to 5 hr; <i>Integrated models:</i> up to 6 hr													
Chipset	Mobile Intel HM76 Express Chipset										Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			
ExpressCard/34	None													
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)										Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			
Ports	One USB 2.0 and two USB 3.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)													
TV tuner	None										Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			
PCIe Mini Card	One PCI Express Mini Card slot													
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom® or Atheros® chip, 1x1										Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless													
Modem	None										Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			
Ethernet	10/100M ethernet, Atheros AR8162													
Audio support	High Definition (HD) Audio, Conexant® CX20671 / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone / microphone combo jack (3.5 mm)										Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			
Security	Hard disk password, administrator password, security lockhole													
Fingerprint reader	None										Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			

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

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Lenovo® G480 (2688) - web only models - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	Memory	Widescreen display	Cam-era	Graphics	SATA disk GB ^s	rpm	SATA optical	PCIe Mini Card 802.11	Top color	HDMI con-necter	Blue-tooth	Battery cells	Win7 preload (mm/yy)	Avail date (mm/yy)
2688-2LU	i3-2370M	4GBx1	14.0" HD	0.3M	Intel HD 3000	500GB	5400	DVD±RW	11b/g/n ²⁸	Blue (glossy)	HDMI	BT4.0	6-cell	Prem 64	07/12
2688-2NU	i3-2370M	4GBx1	14.0" HD	0.3M	Intel HD 3000	500GB	5400	DVD±RW	11b/g/n	Brown (glossy)	HDMI	BT4.0	6-cell	Prem 64	07/12
2688-2AU	i3-2370M	4GBx1	14.0" HD	0.3M	Intel HD 3000	500GB	5400	DVD±RW	11b/g/n	Red (glossy)	HDMI	BT4.0	6-cell	Prem 64	07/12

- **14.0" widescreen, glossy display**
- **Integrated 0.3 megapixel or 720P HD camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **These system are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Core™ i3-2370M processor (2 cores / 4 threads, 2.40GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics 3000	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64
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	Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo Solution Center • ooVoo™ • PokeTALK • McAfee® Internet Security (30-Day Trial) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Diskette drive	None	Integrated models: 65-watt AC adapter Optimus models: 90-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	500GB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset	
Widescreen display	14.0" (355.6mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 200 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel or 720p HD, fixed focus	
Graphics	Intel HD 3000 Graphics , integrated in processor; external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	None	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	(WxDxH): 13.35" x 9.06" x 0.68" to 1.33"; 339mm x 230mm x 17.2 to 33.8mm	Limited Warranty¹² ↪ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options⁵⁸ (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Weight ²	with optical drive and battery: <i>6-cell</i> : from 4.85 lb (2.2kg)	
Case color	<i>Top:</i> Brown (glossy), Red (glossy), or Blue (glossy); <i>bottom:</i> Black	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell , 48Wh	
Battery - life ¹⁰	<i>GT 630M models:</i> up to 4.5 hr; <i>610M models:</i> up to 5 hr; <i>Integrated models:</i> up to 6 hr	
Chipset	Mobile Intel HM76 Express Chipset	
ExpressCard/34	None	
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)	
Ports	One USB 2.0 and two USB 3.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom® or Atheros® chip, 1x1	
Bluetooth™	Bluetooth 4.0 wireless	
Modem	None	
Ethernet	10/100M ethernet, Atheros AR8162	
Audio support	High Definition (HD) Audio, Realtek® ALC269Q-VC2 codec / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone / microphone combo jack (3.5 mm)	
Security	Hard disk password, administrator password, security lockhole	
Fingerprint reader	None	

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

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(DKBR2-2) July 2012

Lenovo® G580 (Windows 8) - withdrawn

Personal Systems Reference (PSREF)

Part number	Processor	Memory	Widescreen display	Camera	Integrated graphics	SATA disk GB ^a rpm	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win8 preload	Avail date (mm/yy)
59344050	i3-3110M	4GBx1	15.6" HD	720p	Intel HD	500GB 5400	DVD±RW	11b/g/n ²⁸	Brown (glossy)	HDMI	None	6-cell	Win8 64	11/12
59345881	B980	4GBx1	15.6" HD	720p	Intel HD 4000	500GB 5400	DVD±RW	11b/g/n	Brown (glossy)	HDMI	None	6-cell	Win8 64	11/12
59344054	i5-3210M	4GBx1	15.6" HD	720p	Intel HD 4000	500GB 5400	DVD±RW	11b/g/n	Brown (glossy)	HDMI	None	6-cell	Win8 64	11/12
59359654	2020M	4GBx1	15.6" HD	720p	Intel HD	500GB 5400	DVD±RW	11b/g/n	Dark Brown	HDMI	None	6-cell	Win8 64	03/13
59359079	i3-3120M	4GBx1	15.6" HD	720p	Intel HD 4000	500GB 5400	DVD±RW	11b/g/n	Dark Brown	HDMI	None	6-cell	Win8 64	03/13
59359084	i5-3230M	4GBx1	15.6" HD	720p	Intel HD 4000	500GB 5400	DVD±RW	11b/g/n	Dark Brown	HDMI	None	6-cell	Win8 64	03/13

- 15.6" widescreen, glossy display
- Integrated 0.3 megapixel or 720P HD camera
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i></p> <p>Intel® Pentium® B980 Processor (2 cores / 2 threads, 2.40 GHz, 2MB Cache), DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics</p> <p>Intel Pentium 2020M Processor (2 cores / 2 threads, 2.40 GHz, 2MB Cache), DDR3 memory controller (up to 1600MHz), integrated Intel HD Graphics</p> <p>Intel Core™ i3-3110M processor (2 cores / 4 threads, 2.40GHz, 3MB cache), DDR3 memory controller (up to 1600MHz), integrated Intel HD Graphics 4000</p> <p>Intel Core i3-3120M processor (2 cores / 4 threads, 2.50GHz, 3MB cache), DDR3 memory controller (up to 1600MHz), integrated Intel HD Graphics 4000</p> <p>Intel Core i5-3210M processor (2 cores / 4 threads, 2.50GHz, 3MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.10GHz), integrated Intel HD Graphics 4000</p> <p>Intel Core i5-3230M processor (2 cores / 4 threads, 2.60GHz, 3MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.20GHz), integrated Intel HD Graphics 4000</p>	<p>Preloaded operating system²⁰</p> <ul style="list-style-type: none"> - Windows® 8 64-bit <p>Preloaded applications¹⁴ (only some listed)</p> <p>- Traditional Desktop apps</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo Cloud Storage by SugarSync • PokeTALK • McAfee® Internet Security (30-Day Trial) • CyberLink YouCam • Cyberlink PowerDVD (DVD±RW) • Cyberlink Power2Go (DVD±RW) • Microsoft Office preloaded; purchase product key to activate • Lenovo Energy Management <p>- Windows Store apps (Metro-style)</p> <ul style="list-style-type: none"> • AccuWeather • Evernote • Skype • McAfee • Lenovo Support • Lenovo Companion • Cyberlink PowerDVD
Memory	<p>16GB max⁷ / PC3-12800 1600MHz DDR3*, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets</p> <p>* System automatically clocks down for processors with 1333MHz DDR3 memory controller</p>	
Diskette drive	None	
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset	
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel or 720p HD, fixed focus	
Integrated graphics	Intel HD Graphics or Intel HD Graphics 4000 , integrated in processor; external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	(WxDxH): 14.80" x 9.65" x 0.68" to 1.35"; 376mm x 245mm x 17.2 to 34.3mm	
Weight ²	with optical drive and battery: 6-cell : from 5.73 lb (2.6kg)	
Case color	<i>Top:</i> Brown (glossy), Red (glossy), Blue (glossy), or Dark Brown (metal-like, hairline cover finishing); <i>bottom:</i> Black	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell , 48Wh	
Battery - life ¹⁰	<i>GT 630M models:</i> up to 4.5 hr; <i>610M models:</i> up to 5 hr; <i>Integrated models:</i> up to 6 hr	
Chipset	Mobile Intel HM76 Express Chipset	
ExpressCard/34	None	
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)	
Ports	One USB 2.0 and two USB 3.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	None	
Modem	None	
Ethernet	10/100M ethernet, Atheros AR8162	
Audio support	High Definition (HD) Audio, Realtek® ALC269Q-VC2 or Conexant® CX20671 codec / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone / microphone combo jack (3.5 mm)	
Security	Hard disk password, administrator password, security lockhole	
Fingerprint reader	None	
		<p><i>Integrated models:</i> 65-watt AC adapter <i>Optimus models:</i> 90-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant</p> <p>Limited Warranty¹²</p> <ul style="list-style-type: none"> ↪ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options⁵⁸ (in eligible locations):⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686

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

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Lenovo® G580 (Windows 8) - Black - withdrawn

Personal Systems Reference (PSREF)

Part number	Processor	Memory	Widescreen display	Camera	Integrated graphics	Chipset	SATA disk GB ⁸ rpm	SATA optical	PCIe Mini Card 802.11	Top color	HDMI	Blue-tooth	Battery cells	Win8 preload	Avail date (mm/yy)
59359680	B960	4GBx1	15.6" HD	720p	Intel HD graphics	HM70	320G 5400	DVD±RW	11b/g/n ²⁸	Black	None	None	6-cell	Win8 64	03/13

- 15.6" widescreen, glossy display
- Integrated 0.3 megapixel or 720P HD camera
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Pentium® B960 Processor (2 cores / 2 threads, 2.20 GHz, 2MB Cache) , DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics	Preloaded operating system²⁰ - Windows® 8 64-bit
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3* , non-parity, single-channel capable, one 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	Preloaded applications¹⁴ (only some listed) - Traditional Desktop apps • Lenovo OneKey Recovery • Lenovo Cloud Storage by SugarSync • PokeTALK • McAfee® Internet Security (30-Day Trial) • CyberLink YouCam • Cyberlink PowerDVD (DVD±RW) • Cyberlink Power2Go (DVD±RW) • Microsoft Office preloaded; purchase product key to activate • Lenovo Energy Management - Windows Store apps (Metro-style) • AccuWeather • Evernote • Skype • McAfee • Lenovo Support • Lenovo Companion • Cyberlink PowerDVD
Diskette drive	None	Limited Warranty¹² ↪ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options⁵⁸ (in eligible locations):⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset	
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel or 720p HD, fixed focus	
Integrated graphics	Intel HD Graphics or Intel HD Graphics 4000 , integrated in processor; external monitor support via analog VGA DB-15 connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	(WxDxH): 14.80" x 9.65" x 0.68" to 1.35"; 376mm x 245mm x 17.2 to 34.3mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 5.73 lb (2.6kg)	
Case color	<i>Top:</i> Black or Black (Glossy); <i>bottom:</i> Black	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell , 48Wh	
Battery - life ¹⁰	<i>Integrated models:</i> up to 6 hr	
Chipset	Mobile Intel HM76 or HM70 Express Chipset	
ExpressCard/34	None	
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)	
Ports	One USB 2.0 and two USB 3.0, external monitor (VGA DB-15), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	None	
Modem	None	
Ethernet	10/100M ethernet, Atheros AR8162	
Audio support	High Definition (HD) Audio, Realtek® ALC269Q-VC2 codec / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone / microphone combo jack (3.5 mm)	
Security	Hard disk password, administrator password, security lockhole	
Fingerprint reader	None	

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

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Lenovo® G580 (2189) - web only models - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk GB ⁸	rpm	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload	Avail date (mm/yy)
2189-8CU	B820	4GBx1	15.6" HD	0.3M	Intel HD Graphics	500GB	5400	DVD±RW	11b/g/n ²⁸	Dark brown	HDMI		6-cell	Prem 64	07/12
2189-8AU	B820	4GBx1	15.6" HD	0.3M	Intel HD Graphics	750GB	5400	DVD±RW	11b/g/n	Dark brown	HDMI		6-cell	Prem 64	07/12
2189-88U	B820	4+2GB	15.6" HD	0.3M	Intel HD Graphics	1TB	5400	DVD±RW	11b/g/n	Dark brown	HDMI		6-cell	Prem 64	07/12
2189-82U	i5-3210M	4GBx2	15.6" HD	0.3M	Intel HD 4000	1TB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT	6-cell	Prem 64	07/12

- **15.6" widescreen, glossy display**
- **Integrated 0.3 megapixel or 720P HD camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **These system are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Celeron® B820 processor (2 cores / 2 threads, 1.70GHz, 2MB cache), DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics 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										Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed)				
Memory	16GB 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										<ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo Solution Center • ooVoo™ • PokeTALK • McAfee® Internet Security (30-Day Trial) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) 				
Diskette drive	None										Integrated models: 65-watt AC adapter Optimus models: 90-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant				
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in														
SATA disk	500GB (5400 rpm), 750GB (5400 rpm) or 1TB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset														
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio										Limited Warranty¹² ⇨ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686				
Camera	Camera on top of screen, 0.3-megapixel or 720p HD, fixed focus														
Integrated graphics	Intel HD Graphics or Intel HD Graphics 4000 , integrated in processor; external monitor support via analog VGA DB-15 connector / digital HDMI connector														
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key														
Numeric keypad	Numeric keypad on right of keyboard														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch														
Dimensions ³	<i>(WxDxH):</i> 14.80" x 9.65" x 0.68" to 1.35"; 376mm x 245mm x 17.2 to 34.3mm														
Weight ²	with optical drive and battery: <i>6-cell:</i> from 5.73 lb (2.6kg)														
Case color	<i>Top:</i> Dark Brown (metal-like, hairline cover finishing); <i>bottom:</i> Black														
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic														
Battery - type	Lithium Ion 6-cell , 48Wh														
Battery - life ¹⁰	<i>GT 630M models:</i> up to 4.5 hr; <i>610M models:</i> up to 5 hr; <i>Integrated models:</i> up to 6 hr														
Chipset	Mobile Intel HM76 Express Chipset														
ExpressCard/34	None														
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)														
Ports	One USB 2.0 and two USB 3.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)														
TV tuner	None														
PCIe Mini Card	One PCI Express Mini Card slot														
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom® or Atheros® chip														
Bluetooth™	<i>Some:</i> Bluetooth wireless														
Modem	None														
Ethernet	10/100M ethernet, Atheros AR8162														
Audio support	High Definition (HD) Audio, Conexant® CX20671 / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone / microphone combo jack (3.5 mm)														
Security	Hard disk password, administrator password, security lockhole														
Fingerprint reader	None														

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

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Lenovo® G580 (2689) - web only models - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk GB ⁸ rpm	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload	Avail date (mm/yy)
2689-38U	i3-2370M	4GBx1	15.6" HD	0.3M	Intel HD 3000	500GB 5400	DVD±RW	11b/g/n ²⁸	Brown (glossy)	HDMI	BT	6-cell	Prem 64	07/12
2689-3DU	i3-2370M	4GBx1	15.6" HD	0.3M	Intel HD 3000	500GB 5400	DVD±RW	11b/g/n	Blue (glossy)	HDMI	BT	6-cell	Prem 64	07/12

- 15.6" widescreen, glossy display
- Integrated 0.3 megapixel or 720P HD camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows
- These system are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Core™ i3-2370M processor (2 cores / 4 threads, 2.40GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics 3000									Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64				
Memory	16GB 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									Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo Solution Center • ooVoo™ • PokeTALK • McAfee® Internet Security (30-Day Trial) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)				
Diskette drive	None									Integrated models: 65-watt AC adapter <i>Optimus models:</i> 90-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant Limited Warranty¹² ⇨ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686				
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in													
SATA disk	500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high													
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset													
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio									⇨ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686				
Camera	Camera on top of screen, 0.3-megapixel or 720p HD, fixed focus													
Integrated graphics	Intel HD 3000 Graphics , integrated in processor; external monitor support via analog VGA DB-15 connector / digital HDMI connector													
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key													
Numeric keypad	Numeric keypad on right of keyboard													
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch													
Dimensions ³	<i>(WxDxH):</i> 14.80" x 9.65" x 0.68" to 1.35"; 376mm x 245mm x 17.2 to 34.3mm with optical drive and battery: <i>6-cell:</i> from 5.73 lb (2.6kg)													
Weight ²														
Case color	<i>Top:</i> Brown (glossy), Red (glossy), and Blue (glossy); <i>bottom:</i> Black													
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic													
Battery - type	Lithium Ion 6-cell , 48Wh													
Battery - life ¹⁰	<i>GT 630M models:</i> up to 4.5 hr; <i>610M models:</i> up to 5 hr; <i>Integrated models:</i> up to 6 hr													
Chipset	Mobile Intel HM76 Express Chipset									⇨ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686				
ExpressCard/34	None													
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)													
Ports	One USB 2.0 and two USB 3.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)													
TV tuner	None													
PCIe Mini Card	One PCI Express Mini Card slot													
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom® or Atheros® chip													
Bluetooth™	Bluetooth wireless													
Modem	None													
Ethernet	10/100M ethernet, Atheros AR8162													
Audio support	High Definition (HD) Audio, Realtek® ALC269Q-VC2 codec / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone / microphone combo jack (3.5 mm)													
Security	Hard disk password, administrator password, security lockhole									⇨ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686				
Fingerprint reader	None													

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

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Lenovo® G580 (Windows 8) - web only models - withdrawn

Personal Systems Reference (PSREF)

Part number	Pro-cessor	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk GB ⁸	rpm	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win8 preload	Avail date (mm/yy)
59354110	B830	4GBx1	15.6" HD	720p	Intel HD Graphics	500GB	5400	DVD±RW	11b/g/n ²⁸	Dark brown	HDMI	BT4.0	6-cell	Win8 64	11/12
59354101	i3-3110M	4+2GB	15.6" HD	720p	Intel HD 4000	500GB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	11/12
5935410M	i5-3210M	4GBx2	15.6" HD	720p	Intel HD 4000	1TB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	11/12
59354099	i7-3520M	4GBx2	15.6" HD	720p	Intel HD 4000	1TB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	11/12
59358720	B800	4GBx1	15.6" HD	720p	Intel HD Graphics	500GB	5400	DVD±RW	11b/g/n	Dark brown	HDMI		6-cell	Win8 64	03/13
59371412	i3-3120M	4+2GB	15.6" HD	720p	Intel HD 4000	500GB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	04/13
59371414	i5-3230M	4+2GB	15.6" HD	720p	Intel HD 4000	500GB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	04/13
59371416	i5-3230M	4GBx2	15.6" HD	720p	Intel HD 4000	1TB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	04/13
59381082	i7-3612QM	4GBx2	15.6" HD	720p	Intel HD 4000	1TB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	06/13

- **15.6" widescreen, glossy display**
- **Integrated 0.3 megapixel or 720P HD camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i></p> <p>Intel® Celeron® B800 processor (2 cores / 2 threads, 1.50GHz, 2MB cache), DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics</p> <p>Intel Celeron B830 processor (2 cores / 2 threads, 1.80GHz, 2MB cache), DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics</p> <p>Intel Core™ i3-3110M processor (2 cores / 4 threads, 2.40GHz, 3MB cache), DDR3 memory controller (up to 1600MHz), integrated Intel HD Graphics 4000</p> <p>Intel Core i3-3120M processor (2 cores / 4 threads, 2.50GHz, 3MB cache), DDR3 memory controller (up to 1600MHz), integrated Intel HD Graphics 4000</p> <p>Intel Core i5-3210M processor (2 cores / 4 threads, 2.50GHz, 3MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.10GHz), integrated Intel HD Graphics 4000</p> <p>Intel Core i5-3230M processor (2 cores / 4 threads, 2.60GHz, 3MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.20GHz), integrated Intel HD Graphics 4000</p> <p>Intel Core i7-3520M processor (2 cores / 4 threads, 2.90GHz, 4MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.60GHz), integrated Intel HD Graphics 4000</p> <p>Intel Core i7-3612QM processor (4 cores / 8 threads, 2.10GHz, 6MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.10GHz), integrated Intel HD Graphics 4000</p>										<p>Preloaded operating system²⁰ - Windows® 8 64-bit</p> <p>Preloaded applications¹⁴ (only some listed)</p> <p>- Traditional Desktop apps</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo Cloud Storage by SugarSync • PokeTALK • McAfee® Internet Security (30-Day Trial) • CyberLink YouCam • Cyberlink PowerDVD (DVD±RW) • Cyberlink Power2Go (DVD±RW) • Microsoft® Office preloaded; purchase product key to activate • Lenovo Energy Management <p>- Windows Store apps (Metro-style)</p> <ul style="list-style-type: none"> • AccuWeather • Evernote • Skype • McAfee • Lenovo Support • Lenovo Companion • Cyberlink PowerDVD 				
Memory	<p>16GB max⁷ / PC3-12800 1600MHz DDR3*, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets</p> <p>* System automatically clocks down for processors with 1333MHz DDR3 memory controller</p>										<p><i>Integrated models:</i> 65-watt AC adapter <i>Optimus models:</i> 90-watt AC adapter</p> <p>EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant</p>				
Diskette drive	None														
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in														
SATA disk	500GB (5400 rpm) or 1TB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset														
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio														
Camera	Camera on top of screen, 0.3-megapixel or 720p HD, fixed focus														
Integrated graphics	Intel HD Graphics or Intel HD Graphics 4000 , integrated in processor; external monitor support via analog VGA DB-15 connector / digital HDMI connector														
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key														
Numeric keypad	Numeric keypad on right of keyboard														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch														
Dimensions ³	(WxDxH): 14.80" x 9.65" x 0.68" to 1.35"; 376mm x 245mm x 17.2 to 34.3mm														
Weight ²	with optical drive and battery: <i>6-cell</i> : from 5.73 lb (2.6kg)														
Case color	<i>Top:</i> Dark Brown (metal-like, hairline cover finishing); <i>bottom:</i> Black														
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic														
Battery - type	Lithium Ion 6-cell , 48Wh														
Battery - life ¹⁰	<i>GT 630M models:</i> up to 4.5 hr; <i>610M models:</i> up to 5 hr; <i>Integrated models:</i> up to 6 hr														
Chipset	Mobile Intel HM76 Express Chipset														
ExpressCard/34	None														
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)														
Ports	One USB 2.0 and two USB 3.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)														
TV tuner	None														
PCIe Mini Card	One PCI Express Mini Card slot														
11b/g/n ²⁸	<p><i>Some:</i> 11b/g/n wireless⁴, PCIe Half Mini Card adapter, Broadcom® or Atheros® chip,</p> <p><i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card adapter, Broadcom or Atheros chip, Wi-Fi + Bluetooth combo adapter</p>														
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter														
Modem	None														
Ethernet	10/100M ethernet, Atheros AR8162														
Audio support	High Definition (HD) Audio, Conexant® CX20671 / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone / microphone combo jack (3.5 mm)														
Security	Hard disk password, administrator password, security lockhole														
Fingerprint reader	None														
<p>Limited Warranty¹²</p> <p>↪ 1-year warranty*:</p> <p>* 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter</p> <p>↪ Mail In repair service</p> <p>↪ Service upgrade options⁵⁸ (in eligible locations):⁹</p> <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 <p>↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686</p>															

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

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Lenovo® G585 (Integrated) - Windows 8 - withdrawn

Personal Systems Reference (PSREF)

Part number	Processor	Memory	Widescreen display	Camera	Integrated graphics	SATA disk GB ⁸	rpm	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win8 preload	Avail date (mm/yy)
59343703	E2-1800	4GBx1	15.6" HD	720p	Radeon HD 7340	320GB	5400	DVD±RW	11b/g/n ²⁸	Brown	HDMI	None	6-cell	Win8 64	11/12
59343701	E1-1200	4GBx1	15.6" HD	720p	Radeon HD 7310	320GB	5400	DVD±RW	11b/g/n	Brown	HDMI	None	6-cell	Win8 64	11/12

- 15.6" widescreen, glossy display
- Integrated 0.3 megapixel or 720P HD camera
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i></p> <p>AMD Accelerated Processor E1-1200 (2 cores, 1.40GHz, 1MB L2 cache), integrated AMD Radeon™ HD 7310 Graphics, integrated DDR3 memory controller (up to 1066MHz)</p> <p>AMD Accelerated Processor E2-1800 (2 cores, 1.70GHz, 1MB L2 cache), integrated AMD Radeon HD 7340 Graphics, integrated DDR3 memory controller (up to 1333MHz)</p>	<p>Preloaded operating system²⁰</p> <ul style="list-style-type: none"> - Windows® 8 64-bit <p>Preloaded applications¹⁴ (only some listed)</p> <p>- Traditional Desktop apps</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • PokeTALK • McAfee® Internet Security (30-Day Trial) • Nitro Pro (90-Day Trial) • CyberLink YouCam • Cyberlink PowerDVD (DVD±RW) • Cyberlink Power2Go (DVD±RW) • Microsoft Office preloaded; purchase product key to activate • Lenovo Energy Management • Intel AppUp® <p>- Windows Store apps (Metro-style)</p> <ul style="list-style-type: none"> • AccuWeather • Evernote • Skype • McAfee • Lenovo Support • Lenovo Companion • Cyberlink PowerDVD
Memory	<p>16GB max⁷ / PC3-12800 1600MHz DDR3*, non-parity, single-channel capable, two 204-pin SO-DIMM sockets</p> <p>* System automatically clocks down for processors with 1066 MHz or 1333MHz DDR3 memory controller</p>	
Diskette drive	None	
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	320GB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset	
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	HD720p Camera on top of screen, 1.0-megapixel, fixed focus, LED indicator	
Integrated graphics	AMD Radeon HD 7340 or HD 7310 graphics , integrated in processor; external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	(WxDxH): 14.80" x 9.65" x 1.35"; 376mm x 245mm x 34.3mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 5.73 lb (2.6kg)	
Case color	<i>Top</i> : Brown (glossy); <i>bottom</i> : Black	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell , 48Wh	
Battery - life ¹⁰	<i>Integrated models</i> : up to 6 hr	<p><i>Integrated models</i>: 40-watt AC adapter</p> <p>EPEAT™ Gold rating</p> <p>ENERGY STAR® qualified</p> <p>RoHS-compliant</p>
Chipset	AMD A68M FCH	
ExpressCard/34	None	
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)	
Ports	One USB 2.0 and two USB 3.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	<p>Limited Warranty¹²</p> <ul style="list-style-type: none"> ↪ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options⁵⁸ (in eligible locations):⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 ↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
TV tuner	None	
PCIe Mini Card	One PCI Express Half Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom® or Atheros® chip, 1x1	
Bluetooth™	None	
Modem	None	
Ethernet	10/100M ethernet, Realtek RTL8105E	
Audio support	High Definition (HD) Audio, Conexant® CX20671 / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone / microphone combo jack (3.5 mm)	
Security	Hard disk password, administrator password, security lockhole	
Fingerprint reader	None	

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

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(CHCH2-1) November 2012

Lenovo® G585 (Integrated) - Black (Windows 8) - withdrawn

Personal Systems Reference (PSREF)

Part number	Processor	Memory	Widescreen display	Camera	Integrated graphics	SATA disk GB ⁸	rpm	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win8 preload	Avail date (mm/yy)
59345756	E-300	2GBx1	15.6" HD	720p	Radeon HD 6310	320GB	5400	DVD±RW	11b/g/n ²⁸	Black	None	None	6-cell	Win8 64	11/12
59345757	E-300	4GBx1	15.6" HD	720p	Radeon HD 6310	320GB	5400	DVD±RW	11b/g/n	Black	None	None	6-cell	Win8 64	11/12
59359143	E1-1500	4GBx1	15.6" HD	720p	Radeon HD 7310	320GB	5400	DVD±RW	11b/g/n	Black	None	None	6-cell	Win8 64	02/13

- 15.6" widescreen, glossy display
- Integrated 0.3 megapixel or 720P HD camera
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i> AMD Accelerated Processor E-300 (2 cores, 1.30GHz, 1MB L2 cache), integrated AMD Radeon™ HD 6310 Graphics, integrated DDR3 memory controller (up to 1066MHz) AMD Accelerated Processor E1-1500 (2 cores, 1.48GHz, 1MB L2 cache), integrated AMD Radeon HD 7310 Graphics, integrated DDR3 memory controller (up to 1066MHz)</p>										<p>Preloaded operating system²⁰ - Windows® 8 64-bit</p> <p>Preloaded applications¹⁴ (only some listed) - Traditional Desktop apps</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • PokeTALK • McAfee® Internet Security (30-Day Trial) • Nitro Pro (90-Day Trial) • CyberLink YouCam • Cyberlink PowerDVD (DVD±RW) • Cyberlink Power2Go (DVD±RW) • Microsoft Office preloaded; purchase product key to activate • Lenovo Energy Management • Intel AppUp® <p>- Windows Store apps (Metro-style)</p> <ul style="list-style-type: none"> • AccuWeather • Evernote • Skype • McAfee • Lenovo Support • Lenovo Companion • Cyberlink PowerDVD 				
Memory	<p>8GB max⁷ / PC3-12800 1600MHz DDR3*, non-parity, single-channel capable, one 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1066MHz DDR3 memory controller</p>														
Diskette drive	None														
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in														
SATA disk	320GB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset														
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio														
Camera	HD720p Camera on top of screen, 1.0-megapixel, fixed focus, LED indicator														
Integrated graphics	AMD Radeon HD 6310 or HD 7310 graphics , integrated in processor; external monitor support via analog VGA DB-15 connector														
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key														
Numeric keypad	Numeric keypad on right of keyboard														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch														
Dimensions ³	(WxDxH): 14.80" x 9.65" x 1.35"; 376mm x 245mm x 34.3mm														
Weight ²	with optical drive and battery: <i>6-cell</i> : from 5.73 lb (2.6kg)														
Case color	<i>Top</i> : Black (matt); <i>bottom</i> : Black														
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic														
Battery - type	Lithium Ion 6-cell , 48Wh														
Battery - life ¹⁰	<i>Integrated models</i> : up to 6 hr										<p><i>Integrated models</i>: 40-watt AC adapter EPEAT™ Gold rating ENERGY STAR® qualified RoHS-compliant</p>				
Chipset	AMD A68M FCH														
ExpressCard/34	None														
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)														
Ports	One USB 2.0 and two USB 3.0, external monitor (VGA DB-15), ethernet (RJ-45)														
TV tuner	None														
PCIe Mini Card	One PCI Express Half Mini Card slot														
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom® or Atheros® chip, 1x1														
Bluetooth™	None														
Modem	None														
Ethernet	10/100M ethernet, Realtek RTL8105E														
Audio support	High Definition (HD) Audio, Conexant® CX20671 / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone / microphone combo jack (3.5 mm)														
Security	Hard disk password, administrator password, security lockhole														
Fingerprint reader	None										<p>Limited Warranty¹²</p> <ul style="list-style-type: none"> ↪ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options⁵⁸ (in eligible locations):⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 ↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686 				

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

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Lenovo® G585 (Integrated) - Windows 8 (web only models) - withdrawn

Personal Systems Reference (PSREF)

Part number	Processor	Memory	Widescreen display	Camera	Integrated graphics	SATA disk GB ^a	rpm	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win8 preload	Avail date (mm/yy)
2181-9EU	E-300	2GBx1	15.6" HD	720p	Radeon HD 6310	320GB	5400	DVD±RW	11b/g/n ²⁸	Black	None	None	6-cell	Win8 64	11/12
2181-98U	E-300	4GBx1	15.6" HD	720p	Radeon HD 6310	500GB	5400	DVD±RW	11b/g/n	Black	None	None	6-cell	Win8 64	11/12
2181-9FU	E1-1200	4GBx1	15.6" HD	720p	Radeon HD 7310	500GB	5400	DVD±RW	11b/g/n	Black	None	None	6-cell	Win8 64	11/12
2181-99U	E1-1200	4GBx1	15.6" HD	720p	Radeon HD 7310	1TB	5400	DVD±RW	11b/g/n	Black	None	None	6-cell	Win8 64	11/12

- 15.6" widescreen, glossy display
- Integrated 0.3 megapixel or 720P HD camera
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Positioning Processor	Widescreen flexibility; two-spindle AMD Accelerated Processor E-300 (2 cores, 1.30GHz, 1MB L2 cache) , integrated AMD Radeon™ HD 6310 Graphics, integrated DDR3 memory controller (up to 1066MHz) AMD Accelerated Processor E1-1200 (2 cores, 1.40GHz, 1MB L2 cache) , integrated AMD Radeon HD 7310 Graphics, integrated DDR3 memory controller (up to 1066MHz)	Preloaded operating system ²⁰ - Windows® 8 64-bit Preloaded applications ¹⁴ (only some listed) - Traditional Desktop apps • Lenovo OneKey Recovery • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • PokeTALK • McAfee® Internet Security (30-Day Trial) • Nitro Pro (90-Day Trial) • CyberLink YouCam • Cyberlink PowerDVD (DVD±RW) • Cyberlink Power2Go (DVD±RW) • Microsoft Office preloaded; purchase product key to activate • Lenovo Energy Management • Intel AppUp® - Windows Store apps (Metro-style) • AccuWeather • Evernote • Skype • McAfee • Lenovo Support • Lenovo Companion • Cyberlink PowerDVD
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3* , non-parity, single-channel capable, one 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1066MHz DDR3 memory controller	
Diskette drive	None	
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	320GB (5400 rpm), 500GB (5400 rpm), or 1TB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset	
Widescreen display	15.6" (396.2mm) HD (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	HD720p Camera on top of screen, 1.0-megapixel, fixed focus, LED indicator	
Integrated graphics	AMD Radeon HD 6310 or HD 7310 graphics , integrated in processor; external monitor support via analog VGA DB-15 connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	(WxDxH): 14.80" x 9.65" x 1.35"; 376mm x 245mm x 34.3mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 5.73 lb (2.6kg)	
Case color	<i>Top</i> : Black (matt); <i>bottom</i> : Black	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell , 48Wh	
Battery - life ¹⁰	<i>Integrated models</i> : up to 6 hr	<i>Integrated models</i> : 40-watt AC adapter EPEAT™ Gold rating ENERGY STAR® qualified RoHS-compliant
Chipset	AMD A68M FCH	
ExpressCard/34	None	
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)	
Ports	One USB 2.0 and two USB 3.0, external monitor (VGA DB-15), ethernet (RJ-45)	Limited Warranty ¹² ↪ 1-year warranty* : * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options ⁵⁸ (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 ↪ Toll-free support for warranty issues during the warranty period ¹² via 877-453-6686
TV tuner	None	
PCIe Mini Card	One PCI Express Half Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom® or Atheros® chip, 1x1	
Bluetooth™	None	
Modem	None	
Ethernet	10/100M ethernet, Realtek RTL8105E	
Audio support	High Definition (HD) Audio, Conexant® CX20671 / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone / microphone combo jack (3.5 mm)	
Security	Hard disk password, administrator password, security lockhole	
Fingerprint reader	None	

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

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Lenovo G770



Lenovo G770



Lenovo G770



Lenovo G770



Lenovo G770



Lenovo G770

Lenovo® G770 (1037) - Integrated (Windows 7) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	Optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload
1037-2MU	i3-2310M	2.10		2GBx2	17.3" HD+	2.0M	Intel HD	750GB ⁸	Blu-ray	11b/g/n ²⁸	Dark brown	HDMI		6-cell	Prem 64
1037-28U	i3-2310M	2.10		2GBx2	17.3" HD+	2.0M	Intel HD	500GB	DVD±RW	11b/g/n	Dark brown	HDMI		6-cell	Prem 64
1037-2LU	i5-2410M	2.30	2.90	2GBx2	17.3" HD+	2.0M	Intel HD	750GB	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-2WU	i3-2330M	2.20		4GBx1	17.3" HD+	2.0M	Intel HD	500GB	DVD±RW	11b/g/n	Dark brown	HDMI		6-cell	Prem 64
1037-2UU	i3-2330M	2.20		4GBx1	17.3" HD+	2.0M	Intel HD	750GB	Blu-ray	11b/g/n	Dark brown	HDMI		6-cell	Prem 64
1037-2VU	i5-2430M	2.40	3.00	4+2GB	17.3" HD+	2.0M	Intel HD	750GB	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-2XU	i5-2430M	2.40	3.00	4GBx2	17.3" HD+	2.0M	Intel HD	750GB	Blu-ray	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-5FU	i3-2350M	2.30		4GBx1	17.3" HD+	2.0M	Intel HD	500GB	DVD±RW	11b/g/n	Dark brown	HDMI		6-cell	Prem 64
1037-5WU	i5-2450M	2.50	3.10	4+2GB	17.3" HD+	2.0M	Intel HD	500GB	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64

- **17.3" widescreen, glossy display**
- **Integrated 2.0 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i></p> <p>Intel® Core™ i3-2310M processor (dual-core, 2.10GHz, 3MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Core i3-2330M processor (dual-core, 2.20GHz, 3MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Core i3-2350M processor (dual-core, 2.30GHz, 3MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Core i5-2410M processor (dual-core, 2.30GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology</p> <p>Intel Core i5-2430M processor (dual-core, 2.40GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.00GHz), HT technology</p> <p>Intel Core i5-2450M processor (dual-core, 2.50GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology</p>	<p>Preloaded operating system²⁰</p> <ul style="list-style-type: none"> - Genuine Windows® 7 Home Premium 64 <p>Preloaded applications¹⁴ (only some listed)</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • Windows Live™ Essentials • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (DVD±RW)
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	
Diskette drive	None	
Optical	<p><i>Some:</i> DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in</p> <p><i>Some:</i> Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in</p>	
SATA disk	500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high	
Widescreen display	17.3" (439.4mm) HD+ (1600x900) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus	
Integrated graphics	Intel HD Graphics 3000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector (HDCP-compliant)	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® qualified RoHS-compliant
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature, multi-touch	
Dimensions ³	(WxDxH): 16.38" x 10.71" x 1.42" to 1.77"; 416mm x 272mm x 36.1 to 44.9mm	<p>Limited Warranty¹²</p> <p>↪ 1-year warranty*:</p> <ul style="list-style-type: none"> * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options⁵⁸ (in eligible locations):⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Weight ²	with optical drive and battery: <i>6-cell</i> : from 6.61 lb (3.0kg)	
Case color	Dark brown top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>Integrated models</i> : up to 5 hr	
Chipset	Mobile Intel HM65 Express Chipset	
ExpressCard/34	None	
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless + EDR, USB 2.0 interface	
Modem	None	
Ethernet	10/100 ethernet, Atheros AR8152L	
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Hard disk password, user password, administrator password, security lockhole	
Fingerprint reader	None	

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

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Lenovo® G770 (1037) - Integrated (Windows 7) - web only - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	Camera	Integrated graphics	SATA disk GB ⁸ rpm	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload
1037-2GU	i5-2410M	2.30	2.90	4GBx2	17.3" HD+	2.0M	Intel HD	750G 5400	DVD±RW	11b/g/n ²⁸	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-2HU	i5-2410M	2.30	2.90	2GBx2	17.3" HD+	2.0M	Intel HD	500G 5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-52U	i5-2410M	2.30	2.90	4+2GB	17.3" HD+	2.0M	Intel HD	750G 5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-53U	i5-2410M	2.30	2.90	4+2GB	17.3" HD+	2.0M	Intel HD	750G 5400	Blu-ray	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-2YU	i3-2330M	2.20	2.90	4GBx1	17.3" HD+	2.0M	Intel HD	500G 5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-5NU	i5-2430M	2.40	3.00	4GBx1	17.3" HD+	2.0M	Intel HD	500G 5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-5MU	i5-2430M	2.40	3.00	4+2GB	17.3" HD+	2.0M	Intel HD	750G 5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-5KU	i5-2430M	2.40	3.00	4GBx2	17.3" HD+	2.0M	Intel HD	750G 5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-56U	B800	1.50	1.50	4GBx1	17.3" HD+	2.0M	Intel HD	500G 5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-5SU	i5-2450M	2.50	3.10	4GBx1	17.3" HD+	2.0M	Intel HD	500G 5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-5RU	i5-2450M	2.50	3.10	4+2GB	17.3" HD+	2.0M	Intel HD	750G 5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-5PU	i5-2450M	2.50	3.10	4GBx2	17.3" HD+	2.0M	Intel HD	750G 5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-5TU	i5-2430M	2.40	3.00	4GBx2	17.3" HD+	2.0M	Intel HD	500G 7200	DVD±RW	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64

- **17.3" widescreen, glossy display**
- **Integrated 2.0 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i></p> <p>Intel® Celeron® B800 processor (2 cores / 2 threads, 1.50GHz, 2MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Core™ i3-2330M processor (dual-core, 2.20GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), HT technology</p> <p>Intel Core i5-2410M processor (dual-core, 2.30GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology</p> <p>Intel Core i5-2430M processor (dual-core, 2.40GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.00GHz), HT technology</p> <p>Intel Core i5-2450M processor (dual-core, 2.50GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology</p>	<p>Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64</p> <p>Preloaded applications¹⁴ (only some listed)</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • Windows Live™ Essentials • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (DVD±RW)
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets;	
Diskette drive	None	
Optical	<p><i>Some:</i> DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in</p> <p><i>Some:</i> Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in</p>	
SATA disk	500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high	
Widescreen display	17.3" (439.4mm) HD+ (1600x900) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus	
Integrated graphics	Intel HD Graphics in processor , external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector (HDCP-compliant)	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature, multi-touch	
Dimensions ³	(WxDxH): 16.38" x 10.71" x 1.42" to 1.77"; 416mm x 272mm x 36.1 to 44.9mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 6.61 lb (3.0kg)	
Case color	Dark brown top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>Integrated models</i> : up to 5 hr	
Chipset	Mobile Intel HM65 Express Chipset	
ExpressCard/34	None	
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface	
Modem	None	
Ethernet	10/100 ethernet, Atheros AR8152L	
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Hard disk password, user password, administrator password, security lockhole	
Fingerprint reader	None	
		<p>65-watt AC adapter</p> <p>Wireless on/off switch</p> <p>EPEAT™ Gold rating</p> <p>ENERGY STAR® qualified</p> <p>RoHS-compliant</p> <p>Limited Warranty¹²</p> <p>↪ 1-year warranty*:</p> <p>* 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter</p> <p>↪ Mail In repair service</p> <p>↪ Service upgrade options⁵⁸ (in eligible locations):⁹</p> <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 <p>↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686</p>

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

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Lenovo® G770 (1037) - Discrete (Windows 7) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	Cam-era	Graphics	SATA disk	Optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload
1037-2KU	i5-2410M	2.30	2.90	4+2GB	17.3" HD+	2.0M HD	6650M	750GB ⁸	Blu-ray	11b/g/n ²⁸	Dark brown	HDMI	BT2.1	6-cell	Prem 64

- **17.3" widescreen, glossy display**
- **Integrated 2.0 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **This system is Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<i>Widescreen flexibility; two-spindle Intel® Core™ i5-2410M processor (dual-core, 2.30GHz, 3MB cache), integrated Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology</i>										Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64				
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets										Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • Windows Live™ Essentials • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (Blu-ray)				
Diskette drive	None														
Optical	Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in														
SATA disk	750GB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high														
Widescreen display	17.3" (439.4mm) HD+ (1600x900) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio														
Camera	Camera on top of screen, 2.0-megapixel, fixed focus														
Graphics	AMD Radeon™ HD 6650M , PCI Express® x16, 1GB DDR3 memory, DirectX® 11, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector (HDCP-compliant)														
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key														
Numeric keypad	Numeric keypad on right of keyboard														
Touch pad	Two-button touch pad with scroll feature, multi-touch														
Dimensions ³	<i>(WxDxH): 16.38" x 10.71" x 1.42" to 1.77"; 416mm x 272mm x 36.1 to 44.9mm</i>														
Weight ²	with optical drive and battery: <i>6-cell</i> : from 6.61 lb (3.0kg)														
Case color	Dark brown top, black bottom														
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic														
Battery - type	Lithium Ion 6-cell														
Battery - life ¹⁰	<i>Discrete models</i> : up to 4.5 hr														
Chipset	Mobile Intel HM65 Express Chipset														
ExpressCard/34	None										<p align="center">Limited Warranty¹²</p> <p>↪ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter</p> <p>↪ Mail In repair service</p> <p>↪ Service upgrade options⁵⁸ (in eligible locations):⁹</p> <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 <p>↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686</p>				
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)														
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)														
TV tuner	None														
PCIe Mini Card	One PCI Express Mini Card slot														
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip														
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface														
Modem	None														
Ethernet	10/100 ethernet, Atheros AR8152L														
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)														
Security	Hard disk password, user password, administrator password, security lockhole														
Fingerprint reader	None														

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

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Lenovo® G770 (1037) - Discrete (Windows 7) - web only - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	Camera	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload
1037-2JU	i5-2410M	2.30	2.90	4GBx2	17.3" HD+	2.0M	HD 6650M	750GB ⁸	DVD±RW	11b/g/n ²⁸	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-5LU	i5-2430M	2.40	3.00	4GBx2	17.3" HD+	2.0M	HD 6650M	750GB	Blu-ray	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64
1037-5QU	i5-2450M	2.50	3.10	4GBx2	17.3" HD+	2.0M	HD 6650M	750GB	Blu-ray	11b/g/n	Dark brown	HDMI	BT2.1	6-cell	Prem 64

- **17.3" widescreen, glossy display**
- **Integrated 2.0 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i></p> <p>Intel® Core™ i5-2410M processor (dual-core, 2.30GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology</p> <p>Intel Core i5-2430M processor (dual-core, 2.40GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.00GHz), HT technology</p> <p>Intel Core i5-2450M processor (dual-core, 2.50GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology</p>	<p>Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64</p> <p>Preloaded applications¹⁴ (only some listed)</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • Windows Live™ Essentials • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (DVD±RW)
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets;	
Diskette drive	None	
Optical	Some: DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in Some: Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in	
SATA disk	750GB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high	
Widescreen display	17.3" (439.4mm) HD+ (1600x900) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus	
Graphics	AMD Radeon™ HD 6650M , PCI Express® x16, 1GB DDR3 memory, DirectX® 11, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector (HDCP-compliant)	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature, multi-touch	90-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® qualified RoHS-compliant
Dimensions ³	(WxDxH): 16.38" x 10.71" x 1.42" to 1.77"; 416mm x 272mm x 36.1 to 44.9mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 6.61 lb (3.0kg)	
Case color	Dark brown top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>Discrete models</i> : up to 4.5 hr	Limited Warranty¹²
Chipset	Mobile Intel HM65 Express Chipset	
ExpressCard/34	None	
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	↪ 1-year warranty* : * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options⁵⁸ (in eligible locations): ⁹
TV tuner	None	• 3-year Depot warranty 78Y1538
PCIe Mini Card	One PCI Express Mini Card slot	• 1-year Mail In with accidental damage protection 55Y2511
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	• 3-year Mail In with accidental damage protection 78Y1539
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface	• 3-year Onsite warranty 78Y1540
Modem	None	• 1-year Onsite with accidental damage protection 78Y1533
Ethernet	10/100 ethernet, Atheros AR8152L	↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Hard disk password, user password, administrator password, security lockhole	
Fingerprint reader	None	

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

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Lenovo G780



Lenovo G780



Lenovo G780



Lenovo G780



Lenovo G780



Lenovo G780

Lenovo® G780 (2182) - Integrated - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	Memory	Widescreen display	Cam-era	Graphics	SATA disk GB ⁸ rpm	Optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload	Avail date (mm/yy)
2182-3FU	i3-2370M	4GBx1	17.3" HD+	720p	Intel HD 3000	500G 5400	DVD±RW	11b/g/n ²⁸	Dark brown	HDMI		6-cell	Prem 64	08/12
2182-3DU	i5-3210M	4+2GB	17.3" HD+	720p	Intel HD 4000	750G 5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT	6-cell	Prem 64	08/12

- 17.3" widescreen, glossy display
- Integrated 0.3 megapixel or 720P HD camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows
- These system are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility: two-spindle Intel® Core™ i3-2370M processor (2 cores / 4 threads, 2.40 GHz, 3MB cache) , DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics 3000 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	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed)
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	<ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo Solution Center • ooVoo™ • PokeTALK • McAfee® Internet Security (30-Day Trial) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Diskette drive	None	Integrated models: 65-watt AC adapter Optimus models: 90-watt AC adapter EPEAT™ Gold rating ENERGY STAR® qualified RoHS-compliant
Optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset	
Widescreen display	17.3" (439.4mm) HD+ (1600x900) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	Limited Warranty¹² ⇨ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Camera	Camera on top of screen, 0.3-megapixel or 720p HD, fixed focus	
Graphics	Intel HD Graphics 3000 or Intel HD Graphics 4000 , integrated in processor; external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature, multi-touch	
Dimensions ³	(WxDxH): 16.38" x 10.75" x 1.42" to 1.77"; 416mm x 273mm x 36.1 to 44.9mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 6.6 lb (3.0kg)	
Case color	<i>Top:</i> Dark Brown (metal-like, hairline cover finishing); <i>bottom:</i> Black	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell , 48Wh	
Battery - life ¹⁰	<i>Optimus models:</i> up to 4.5 hr; <i>Integrated models:</i> up to 5 hr	
Chipset	Mobile Intel HM76 Express Chipset	
ExpressCard/34	None	
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)	
Ports	Two USB 2.0, two USB 3.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	<i>Some:</i> Bluetooth wireless	
Modem	None	
Ethernet	10/100M ethernet, Atheros AR8162	
Audio support	High Definition (HD) Audio, Conexant® CX20671 / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone jack (3.5 mm), microphone jack (3.5 mm)	
Security	Hard disk password, administrator password, security lockhole	
Fingerprint reader	None	

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

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Lenovo® G780 (Integrated) - Windows 8 - withdrawn

Personal Systems Reference (PSREF)

Part number	Pro-cessor	Memory	Widescreen display	Cam-era	Graphics	SATA disk GB ⁸ rpm	Optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win8 preload	Avail date (mm/yy)
59344005	i5-3210M	4+2GB	17.3" HD+	720p	Intel HD 4000	750G 5400	DVD±RW	11b/g/n ²⁸	Dark brown	HDMI	BT.4.0	6-cell	Win8 64	11/12
59344004	i3-3110M	4GBx1	17.3" HD+	720p	Intel HD 4000	500G 5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT.4.0	6-cell	Win8 64	11/12
59359249	i5-3230M	4+2GB	17.3" HD+	720p	Intel HD 4000	1TB 5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT.4.0	6-cell	Win8 64	03/13

- 17.3" widescreen, glossy display
- Integrated 0.3 megapixel or 720P HD camera
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i></p> <p>Intel® Core™ i3-3110M processor (2 cores / 4 threads, 2.40 GHz, 3MB cache), DDR3 memory controller (up to 1600MHz), integrated Intel HD Graphics 4000</p> <p>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</p> <p>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</p>	<p>Preloaded operating system²⁰ - Windows® 8 64-bit</p> <p>Preloaded applications¹⁴ (only some listed)</p> <p>- Traditional Desktop apps</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo Cloud Storage by SugarSync • PokeTALK • McAfee® Internet Security (30-Day Trial) • CyberLink YouCam • Cyberlink PowerDVD (DVD±RW) • Cyberlink Power2Go (DVD±RW) • Microsoft Office preloaded; purchase product key to activate • Lenovo Energy Management <p>- Windows Store apps (Metro-style)</p> <ul style="list-style-type: none"> • AccuWeather • Evernote • Skype • McAfee • Lenovo Support • Lenovo Companion
Memory	<p>8GB max⁷ / PC3-12800 1600MHz DDR3*, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets</p> <p>* System automatically clocks down for processors with 1333MHz DDR3 memory controller</p>	
Diskette drive	None	
Optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	500GB (5400 rpm), 750GB (5400 rpm), or 1TB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset	
Widescreen display	17.3" (439.4mm) HD+ (1600x900) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel or 720p HD, fixed focus	
Graphics	Intel HD Graphics 3000 or Intel HD Graphics 4000 , integrated in processor; external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature, multi-touch	
Dimensions ³	(WxDxH): 16.38" x 10.75" x 1.42" to 1.77"; 416mm x 273mm x 36.1 to 44.9mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 6.6 lb (3.0kg)	
Case color	<i>Top</i> : Dark Brown; <i>bottom</i> : Black	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell , 48Wh	
Battery - life ¹⁰	<i>Optimus models</i> : up to 4.5 hr; <i>Integrated models</i> : up to 5 hr	
Chipset	Mobile Intel HM76 Express Chipset	
ExpressCard/34	None	
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)	
Ports	Two USB 2.0, two USB 3.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	<i>Some</i> : Bluetooth 4.0 wireless	
Modem	None	
Ethernet	10/100M ethernet, Atheros AR8162	
Audio support	High Definition (HD) Audio, Conexant® CX20671 / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone jack (3.5 mm), microphone jack (3.5 mm)	
Security	Hard disk password, administrator password, security lockhole	
Fingerprint reader	None	
		<p>Limited Warranty¹²</p> <p>⇒ 1-year warranty*:</p> <p>* 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter</p> <p>⇒ Mail In repair service</p> <p>⇒ Service upgrade options⁵⁸ (in eligible locations):⁹</p> <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 <p>⇒ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686</p>

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

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(BUD2-3) March 2013

Lenovo® G780 (Discrete) - Windows 8 - withdrawn

Personal Systems Reference (PSREF)

Part number	Processor	Memory	Widescreen display	Camera	Graphics	SATA disk GB ⁸	rpm	Optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win8 preload	Avail date (mm/yy)
59347664	i5-3210M	4GBx1	17.3" HD+	720p	GT 635M 2G	500G	5400	DVD±RW	11b/g/n ²⁸	Dark brown	HDMI	BT4.0	6-cell	Win8 64	11/12
59347663	i7-3520M	4+2GB	17.3" HD+	720p	GT 635M 2G	750G	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	11/12
59347662	i7-3520M	4GBx2	17.3" HD+	720p	GT 635M 2G	1TB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	11/12
59352497	i7-3632QM	4+2GB	17.3" HD+	720p	GT 635M 2G	750G	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	11/12
59352498	i7-3632QM	4GBx2	17.3" HD+	720p	GT 635M 2G	1TB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	11/12

- 17.3" widescreen, glossy display
- Integrated 0.3 megapixel or 720P HD camera
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Positioning Processor	<p><i>Widescreen flexibility: two-spindle</i></p> <p>Intel® Core™ i5-3210M processor (2 cores / 4 threads, 2.50GHz, 3MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.10GHz), integrated Intel HD Graphics 4000</p> <p>Intel Core i7-3520M processor (2 cores / 4 threads, 2.90GHz, 4MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.60GHz), integrated Intel HD Graphics 4000</p> <p>Intel Core i7-3632QM processor (4 cores / 8 threads, 2.20GHz, 6MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.20GHz), integrated Intel HD Graphics 4000</p>	<p>Preloaded operating system²⁰ - Windows® 8 64-bit</p> <p>Preloaded applications¹⁴ (only some listed)</p> <p>- Traditional Desktop apps</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo Cloud Storage by SugarSync • PokeTALK • McAfee® Internet Security (30-Day Trial) • CyberLink YouCam • Cyberlink PowerDVD (BD burner) • Cyberlink Power2Go (BD burner) • Microsoft Office preloaded; purchase product key to activate • Lenovo Energy Management <p>- Windows Store apps (Metro-style)</p> <ul style="list-style-type: none"> • AccuWeather • Evernote • Skype • McAfee • Lenovo Support • Lenovo Companion
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	
Diskette drive	None	
Optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	500GB (5400 rpm), 750GB (5400 rpm), or 1TB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset	
Widescreen display	17.3" (439.4mm) HD+ (1600x900) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel or 720p HD, fixed focus	
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA GeForce® GT 635M Graphics , PCI Express® x16, 2GB DDR3, DirectX® 11, external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	<p><i>Integrated models:</i> 65-watt AC adapter</p> <p><i>Optimus models:</i> 90-watt AC adapter</p> <p>EPEAT™ Gold rating</p> <p>ENERGY STAR® qualified</p> <p>RoHS-compliant</p>
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature, multi-touch	
Dimensions ³	(WxDxH): 16.38" x 10.75" x 1.42" to 1.77"; 416mm x 273mm x 36.1 to 44.9mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 6.6 lb (3.0kg)	
Case color	<i>Top:</i> Dark Brown (metal-like, hairline cover finishing); <i>bottom:</i> Black	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell , 48Wh	<p>Limited Warranty¹²</p> <p>↪ 1-year warranty*:</p> <p>* 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter</p> <p>↪ Mail In repair service</p> <p>↪ Service upgrade options⁵⁸</p> <p>(in eligible locations):⁹</p> <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 <p>↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686</p>
Battery - life ¹⁰	<i>Optimus models:</i> up to 4.5 hr; <i>Integrated models:</i> up to 5 hr	
Chipset	Mobile Intel HM76 Express Chipset	
ExpressCard/34	None	
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)	
Ports	Two USB 2.0, two USB 3.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip, Wi-Fi + Bluetooth combo adapter	
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
Modem	None	
Ethernet	10/100M ethernet, Atheros AR8162	
Audio support	High Definition (HD) Audio, Conexant® CX20671 / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone jack (3.5 mm), microphone jack (3.5 mm)	
Security	Hard disk password, administrator password, security lockhole	
Fingerprint reader	None	

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

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(BUD2-6) November 2012

Lenovo® G780 (2182) - Integrated (web only models) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	Memory	Widescreen display	Cam-era	Graphics	SATA disk GB ^a	rpm	Optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload	Avail date (mm/yy)
2182-4MU	i5-3210M	4+2GB	17.3" HD+	720p	Intel HD 4000	500G	7200	DVD±RW	11b/g/n ²⁸	Dark brown	HDMI	BT	6-cell	Prem 64	08/12
2182-4GU	i5-3210M	4GBx2	17.3" HD+	720p	Intel HD 4000	1TB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT	6-cell	Prem 64	08/12
2182-4JU	i7-3612QM	4GBx2	17.3" HD+	720p	Intel HD 4000	1TB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT	6-cell	Prem 64	08/12

- **17.3" widescreen, glossy display**
- **Integrated 0.3 megapixel or 720P HD camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **These system are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i></p> <p>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</p> <p>Intel Core i7-3612QM processor (4 cores / 8 threads, 2.10 GHz, 6MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.10GHz), integrated Intel HD Graphics 4000</p>	<p>Preloaded operating system²⁰</p> <ul style="list-style-type: none"> - Genuine Windows® 7 Home Premium 64 <p>Preloaded applications¹⁴ (only some listed)</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo Solution Center • ooVoo™ • PokeTALK • McAfee® Internet Security (30-Day Trial) • Adobe® Reader® • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
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	
Diskette drive	None	
Optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	500GB (7200 rpm) or 1TB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset	
Widescreen display	17.3" (439.4mm) HD+ (1600x900) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel or 720p HD, fixed focus	
Graphics	Intel HD Graphics 4000 , integrated in processor; external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	<p><i>Integrated models:</i> 65-watt AC adapter</p> <p><i>Optimus models:</i> 90-watt AC adapter</p> <p>EPEAT™ Gold rating</p> <p>ENERGY STAR® qualified</p> <p>RoHS-compliant</p>
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature, multi-touch	
Dimensions ³	(WxDxH): 16.38" x 10.75" x 1.42" to 1.77"; 416mm x 273mm x 36.1 to 44.9mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 6.6 lb (3.0kg)	
Case color	<i>Top:</i> Dark Brown (metal-like, hairline cover finishing); <i>bottom:</i> Black	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell , 48Wh	
Battery - life ¹⁰	<i>Optimus models:</i> up to 4.5 hr; <i>Integrated models:</i> up to 5 hr	
Chipset	Mobile Intel HM76 Express Chipset	<p>Limited Warranty¹²</p> <p>↪ 1-year warranty*:</p> <p>* 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter</p> <p>↪ Mail In repair service</p> <p>↪ Service upgrade options⁵⁸ (in eligible locations):⁹</p> <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 <p>↪ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686</p>
ExpressCard/34	None	
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)	
Ports	Two USB 2.0, two USB 3.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	Bluetooth wireless	
Modem	None	
Ethernet	10/100M ethernet, Atheros AR8162	
Audio support	High Definition (HD) Audio, Conexant® CX20671 / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone jack (3.5 mm), microphone jack (3.5 mm)	
Security	Hard disk password, administrator password, security lockhole	
Fingerprint reader	None	

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

© Lenovo
(BUD2-1) August 2012

Lenovo® G780 (Integrated) - Windows 8 (web only models) - withdrawn

Personal Systems Reference (PSREF)

Type-model / Pro-part number	Processor	Memory	Widescreen display	Camera	Graphics	SATA disk GB ^a	rpm	Optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win8 preload	Avail date (mm/yy)
2182-9SU	i5-3210M	4GBx2	17.3" HD+	720p	Intel HD 4000	750G	5400	DVD±RW	11b/g/n ²⁸	Dark brown	HDMI	BT4.0	6-cell	Win8 64	11/12
2182-9UU	i5-3210M	4GBx2	17.3" HD+	720p	Intel HD 4000	1TB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	11/12
2182-9RU	i7-3520M	4GBx2	17.3" HD+	720p	Intel HD 4000	1TB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	11/12
59371424	i5-3230M	4+2GB	17.3" HD+	720p	Intel HD 4000	500G	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	03/13
59371425	i5-3230M	4GBx2	17.3" HD+	720p	Intel HD 4000	1TB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	03/13
59381095	i7-3612QM	4GBx2	17.3" HD+	720p	Intel HD 4000	500G	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	06/13
59381094	i7-3612QM	4GBx2	17.3" HD+	720p	Intel HD 4000	1TB	5400	DVD±RW	11b/g/n	Dark brown	HDMI	BT4.0	6-cell	Win8 64	06/13

- **17.3" widescreen, glossy display**
- **Integrated 0.3 megapixel or 720P HD camera**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processor	<p><i>Widescreen flexibility: two-spindle</i></p> <p>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</p> <p>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</p> <p>Intel Core i7-3520M processor (2 cores / 4 threads, 2.90GHz, 4MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.60GHz), integrated Intel HD Graphics 4000</p> <p>Intel Core i7-3612QM processor (4 cores / 8 threads, 2.10GHz, 6MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.10GHz), integrated Intel HD Graphics 4000</p>	<p>Preloaded operating system²⁰</p> <ul style="list-style-type: none"> - Windows® 8 64-bit <p>Preloaded applications¹⁴ (only some listed)</p> <ul style="list-style-type: none"> - Traditional Desktop apps • Lenovo OneKey Recovery • Lenovo Cloud Storage by SugarSync • PokeTALK • McAfee® Internet Security (30-Day Trial) • CyberLink YouCam • Cyberlink PowerDVD (DVD±RW) • Cyberlink Power2Go (DVD±RW) • Microsoft Office preloaded; purchase product key to activate • Lenovo Energy Management - Windows Store apps (Metro-style) • AccuWeather • Evernote • Skype • McAfee • Lenovo Support • Lenovo Companion
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	
Diskette drive	None	
Optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	750GB (5400 rpm) or 1TB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset	
Widescreen display	17.3" (439.4mm) HD+ (1600x900) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel or 720p HD, fixed focus	
Graphics	Intel HD Graphics 4000 , integrated in processor, external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	<p><i>Integrated models:</i> 65-watt AC adapter</p> <p><i>Optimus models:</i> 90-watt AC adapter</p> <p>EPEAT™ Gold rating</p> <p>ENERGY STAR® qualified</p> <p>RoHS-compliant</p>
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature, multi-touch	
Dimensions ³	(WxDxH): 16.38" x 10.75" x 1.42" to 1.77"; 416mm x 273mm x 36.1 to 44.9mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 6.6 lb (3.0kg)	
Case color	<i>Top:</i> Dark Brown (metal-like, hairline cover finishing); <i>bottom:</i> Black	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	<p>Limited Warranty¹²</p> <p>⇒ 1-year warranty*:</p> <ul style="list-style-type: none"> * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇒ Mail In repair service ⇒ Service upgrade options⁵⁸ (in eligible locations):⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 <p>⇒ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686</p>
Battery - type	Lithium Ion 6-cell , 48Wh	
Battery - life ¹⁰	<i>Optimus models:</i> up to 4.5 hr; <i>Integrated models:</i> up to 5 hr	
Chipset	Mobile Intel HM76 Express Chipset	
ExpressCard/34	None	
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)	
Ports	Two USB 2.0, two USB 3.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip, Wi-Fi + Bluetooth combo adapter	
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
Modem	None	
Ethernet	10/100M ethernet, Atheros AR8162	
Audio support	High Definition (HD) Audio, Conexant® CX20671 / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone jack (3.5 mm), microphone jack (3.5 mm)	
Security	Hard disk password, administrator password, security lockhole	
Fingerprint reader	None	

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

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(BUD2-4) June 2013

Lenovo® G780 (Discrete) - Windows 8 (web only models) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	Memory	Widescreen display	Cam-era	Graphics	SATA disk GB ⁸ rpm	Optical	PCIe Mini Card 802.11	Top color	HDMI connector	Blue-tooth	Battery cells	Win8 preload	Avail date (mm/yy)
2182-9TU	i7-3632QM	4GBx2	17.3" HD+	720p	GT 635M 2G	1TB 5400	BD burner	11b/g/n ²⁸	Dark brown	HDMI	BT4.0	6-cell	Win8 64	11/12

- **17.3" widescreen, glossy display**
- **Integrated 0.3 megapixel or 720P HD camera**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Core™ i7-3632QM processor (4 cores / 8 threads, 2.20GHz, 6MB cache) , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.20GHz), integrated Intel HD Graphics 4000	Preloaded operating system²⁰ - Windows® 8 64-bit
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	Preloaded applications¹⁴ (only some listed) - Traditional Desktop apps • Lenovo OneKey Recovery • Lenovo Cloud Storage by SugarSync • PokeTALK • McAfee® Internet Security (30-Day Trial) • CyberLink YouCam • Cyberlink PowerDVD (BD burner) • Cyberlink Power2Go (BD burner) • Microsoft Office preloaded; purchase product key to activate • Lenovo Energy Management - Windows Store apps (Metro-style) • AccuWeather • Evernote • Skype • McAfee • Lenovo Support • Lenovo Companion
Diskette drive	None	
Optical	Blu-ray™ burner, Blu-ray and DVD disk recordable, 12.7mm, tray-in	
SATA disk	1TB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset	
Widescreen display	17.3" (439.4mm) HD+ (1600x900) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel or 720p HD, fixed focus	
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA GeForce® GT 635M Graphics , PCI Express® x16, 2GB DDR3, DirectX® 11, external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch pad	Two-button touch pad with scroll feature, multi-touch	
Dimensions ³	(WxDxH): 16.38" x 10.75" x 1.42" to 1.77"; 416mm x 273mm x 36.1 to 44.9mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 6.6 lb (3.0kg)	
Case color	<i>Top</i> : Dark Brown (metal-like, hairline cover finishing); <i>bottom</i> : Black	<i>Integrated models</i> : 65-watt AC adapter <i>Optimus models</i> : 90-watt AC adapter EPEAT™ Gold rating ENERGY STAR® qualified RoHS-compliant
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell , 48Wh	
Battery - life ¹⁰	<i>Optimus models</i> : up to 4.5 hr; <i>Integrated models</i> : up to 5 hr	
Chipset	Mobile Intel HM76 Express Chipset	Limited Warranty¹²
ExpressCard/34	None	⇒ 1-year warranty* :
Multicard reader	2-in-1 reader (MMC, Secure Digital Card)	• 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter
Ports	Two USB 2.0, two USB 3.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	⇒ Mail In repair service
TV tuner	None	⇒ Service upgrade options⁵⁸ (in eligible locations): ⁹
PCIe Mini Card	One PCI Express Mini Card slot	• 3-year Depot warranty 78Y1538
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip, Wi-Fi + Bluetooth combo adapter	• 1-year Mail In with accidental damage protection 55Y2511
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	• 3-year Mail In with accidental damage protection 78Y1539
Modem	None	• 3-year Onsite warranty 78Y1540
Ethernet	10/100M ethernet, Atheros AR8162	• 1-year Onsite with accidental damage protection 78Y1533
Audio support	High Definition (HD) Audio, Conexant® CX20671 / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ v2 / integrated microphone, headphone jack (3.5 mm), microphone jack (3.5 mm)	⇒ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Security	Hard disk password, administrator password, security lockhole	
Fingerprint reader	None	

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

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**Partial list of Lenovo® Services²²
for Lenovo Essential notebooks**

For more information see:

http://www.lenovo.com/services_warranty/us/en/index.html

Lenovo service upgrade options

Lenovo Value Line notebooks with 1-year Mail In warranty

Mail in = Mail In repair, ADP = Accidental Damage Protection

2-year Depot warranty	78Y1534
3-year Depot warranty	78Y1538
1-year Mail In warranty with ADP	55Y2511
2-year Mail In warranty with ADP	78Y1535
3-year Mail In warranty with ADP	78Y1539

LOR = Lenovo Onsite Repair, ADP = Accidental Damage Protection

1-year LOR warranty 9x5 NBD	78Y1532
2-year LOR warranty 9x5 NBD	78Y1536
3-year LOR warranty 9x5 NBD	78Y1540
1-year LOR warranty 9x5 NBD with ADP	78Y1533
2-year LOR warranty 9x5 NBD with ADP	78Y1537
3-year LOR warranty 9x5 NBD with ADP	78Y1541

Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty: For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept ZPYA/B676. Lenovo makes no representation or warranty regarding third party products or services.

Footnotes:

- ¹ Power management, including Intel® SpeedStep® Technology, reduces processor speed when in battery mode.
- ² **Weight** includes battery and standard optical drive; weight may vary due to vendor components, manufacturing process and options.
- ³ **Thinness** may vary at certain points on the system.
- ⁴ **Wireless capability:** Requires compatible wireless-enabled options sold separately.
- ⁵ **Post-warranty annual maintenance agreement:** Service begins at the end of the base warranty or the end of any other applied warranty and maintenance option, whichever occurs last. Service delivery is not available the same day the maintenance agreement is purchased. Maintenance agreements must be purchased and the registration successfully completed prior to the service being available.
- ⁶ **Public network download modem speeds** are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.
- ⁷ **Maximum memory capacity** may require the replacement of standard component with largest supported component available. Even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems.
- ⁸ **Hard drive:** GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.
- ⁹ **Service upgrade options:** Upgrades do not apply to components covered for 90 days. Those remain at 90-day warranty
- ¹⁰ **Battery:** These model numbers achieved Battery Rundown Time of at least the time shown during testing. A description of the testing available at lenovo.com/pc/www/thinkpad/batterylife. Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.
- ¹¹ **Wireless:** Based on IEEE 802.11a, 802.11b, and 802.11g respectively. An adapter with 11a/b, 11b/g, or 11a/b/g can communicate on either/any of these listed formats respectively, the actual connection will be based on the access point to which it connects.
- ¹² **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.
- ¹³ **Onsite Service:** If a machine is listed as having "On-site", this means that on-site service is available for the replacement of parts for warranty repairs. Certain parts, referred to as Customer Replaceable Unit ("CRU") parts, are easy to install and require little or no tools or technical knowledge. Some examples of CRU parts are mice, keyboards, hard disk drives, speakers, and memory. If your problem can be resolved with a CRU, the Support Center will offer to ship the part to you for you to install.
- ¹⁴ **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.
- ¹⁵ **Modem speeds:** Public network download speeds are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.
- ¹⁶ **Telephone support** may be subject to additional charges, even during the limited warranty period. Response times may vary and may exclude some holidays.
- ¹⁹ **EasyServ depot repair:** The customer may be asked certain diagnostic questions before a courier is sent. Your purchase includes this depot repair service, available in the U.S. during the limited warranty period.
- ²⁰ **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to lenovo.com/pc/support and enter your machine type and model number for more information.
- ²¹ **For combination drives**, maximum possible speeds only are given in the following order: CD write, CD rewrite, CD read, DVD read.
- ²² **Lenovo Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part can be express shipped to you for quick replacement. For notebooks requiring LCD or other component replacement, Lenovo may choose to perform service at the depot repair center. Calls must be received by 5 pm local time in order to qualify for Next Business Day service. P&L means parts and labor. P/U means pick-up. See terms and conditions for complete details and restrictions.
- ²⁵ **Wireless WAN Cards:** Wireless data service requires separate agreement with Verizon Wireless. Verizon Wireless, not Lenovo, is solely responsible for service. Monthly and airtime charges may apply. Service may not be available in all areas; purchaser is responsible for verifying with Verizon Wireless that service is available for the intended location before the purchase of the card. For complete details, including service plans, additional required hardware or software, and service coverage, visit www.verizonwireless.com.

²⁸ **The IEEE 802.11n specification (MIMO)** has been finalized and is currently in IEEE 802.11n-2009 release. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, 11b/g/n, or 11a/b/g/n can communicate on any of its supported formats.

⁵⁸ **Service upgrade options for Split Warranty:** (1) Mail In upgrades cover all components except power adapter, keyboard, plastics, and hinges after 90 days through end of first year. The "Mail-In" upgrades require customer to pay the leg of shipping into the depot repair center. (2) Onsite upgrades cover all components except power adapter, keyboard, plastics, and hinges after 90 days through end of term selected. (3) Accidental Damage Protection covers all components through the end of the term selected.

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1009 Think Place
Morrisville, NC 27560
U.S.A.

June 2013
3book.pdf

Lenovo™ 3000 C100 (0761) - withdrawn

Created by Lenovo Training Solutions
Personal Systems Reference (PSREF)

Type-model	Processor	Speed GHz	Memory	Display screen	Integrated graphics controller	EIDE Disk GB ⁸	EIDE Optical	Mini PCI Comm Bay wireless	Mo-dem	Blue-tooth	Fire-Wire	Bat-tery cells	Pre-Load	Limited warranty ¹²	Avail date
0761-22U	Celeron® M 370	1.50	256MB	15.0" XGA	GMA 900	40GB	Combo	Lenovo 11a/b/g	Modem	No	1394	8	XP Home	1-yr	Mar 06
0761-23U	Celeron M 370	1.50	512MB	15.0" XGA	GMA 900	80GB	Combo	Lenovo 11a/b/g	Modem	No	1394	8	XP Pro	1-yr	Mar 06
0761-EAU	Pentium® M 730	1.60	512MB	15.0" XGA	GMA 900	40GB	Combo	*Intel 11a/b/g	Modem	No	1394	8	XP Home	1-yr	Apr 06
0761-24U	Pentium M 740	1.73	512MB	15.0" XGA	GMA 900	40GB	Combo	*Intel 11b/g	Modem	No	1394	8	XP Home	1-yr	Mar 06
0761-25U	Pentium M 740	1.73	512MB	15.0" XGA	GMA 900	80GB	Combo	*Intel 11a/b/g	Modem	No	1394	8	XP Pro	1-yr	Mar 06
0761-26U	Pentium M 740	1.73	512MB	15.0" XGA	GMA 900	80GB	DVD±RW	*Intel 11a/b/g	Modem	No	1394	8	XP Pro	1-yr	Mar 06
0761-2BU	Celeron M 370	1.50	512MB	15.0" XGA	GMA 900	80GB	DVD±RW	Lenovo 11a/b/g	Modem	No	1394	8	XP Home	1-yr	Mar 06
0761-2CU	Pentium M 740	1.73	512MB	15.0" XGA	GMA 900	40GB	DVD±RW	*Intel 11a/b/g	Modem	No	1394	8	XP Home	1-yr	Mar 06

These Lenovo 3000 C100 models have a 15.0" screen

Positioning Processor	Entry and mainstream notebooks at an exceptional value Intel® Celeron M Processor 370 with Execute Disable Bit, 400MHz system bus or Intel Pentium M Processor 730 or 740 with Enhanced Intel SpeedStep™ technology ¹ , Execute Disable Bit, and 533MHz system bus <i>Celeron M: 1MB; Pentium M: 2MB</i>										SOFTWARE¹⁴				
L2 cache Memory	256 or 512MB std / 2GB max ⁷ / PC2-4200 533MHz DDR2 / non-parity / CL4 / dual-channel capable / two 200-pin SO-DIMM sockets / std mem in 1 socket / 1 socket avail										Windows XP Professional models - Microsoft® Windows® XP Professional ²⁰ (Service Pack 2) ↔ Disk-to-Disk Recovery (in hidden protected area)				
Diskette drive	None standard / use optional USB-based diskette drive <i>Some: DVD-ROM/CD-RW / 24X/24X/24X/8X²¹ speed / fixed, not removable / 12.7mm</i>										Windows XP Home models - Microsoft Windows XP Home Edition ²⁰ (Service Pack 2) ↔ Disk-to-Disk Recovery (in hidden protected area)				
EIDE DVD±RW	<i>Some: CD and DVD burner / dual-layer support / fixed, not removable / 12.7mm</i>														
EIDE disk	40GB⁸ or 80GB (5400 rpm) / ATA100 / 9.5mm high / removable														
Screen	15.0" (381.0mm) XGA (1024x768) TFT color / Anti-glare / 185 nits														
Graphics	Intel Graphics Media Accelerator 900 (GMA 900) / integrated graphics in 915GM GMCH / uses main memory (up to 128MB with 256MB+) / 200MHz										Preloaded (all) • Lenovo Care SM Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security 2005 AntiSpyware Edition (90 days of virus definitions) • PC-Doctor™ (diagnostics) • Adobe® Reader • Google Toolbar • Google Desktop • Picasa from Google • Diskkeeper™ Lite • Corel® Small Business Center™ with WordPerfect® Office 12 • AOL and EarthLink (XP Home models only) • Roxio Digital Media LE (combo, DVD±RW) • InterVideo WinDVD (combo, DVD±RW) • InterVideo WinDVD Creator (DVD±RW)				
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo Care SM button														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)														
Dimensions ³	<i>(WxDxH): 13.1" x 10.9" x 1.33-1.45"; 334mm x 278mm x 33.8-37.0mm</i>														
Weight ²	<i>with optical drive and battery: 6.24 lb (2.83 kg) to 6.39 lb (2.90 kg)</i>														
Case	<i>Color: silver top; black bottom; Material: ABS plastic</i>														
Battery - type	Lithium Ion 8-cell														
Battery - life ¹⁰	<i>Celeron models: up to 4.5 hr; Pentium models: up to 5.0 hr</i>														
Architecture	Mobile Intel 915GM Express Chipset / 82915GM Graph Mem Cont Hub (GMCH-M) / 82801FBM ICH6-M I/O Controller Hub (ATA-100 EIDE, PCI bus, USB, Low Pin Count [LPC] interface) / PCI bus (ENE CB714 CardBus controller, Mini PCI, 1394) / LPC bus (ENE® KB910L Super I/O)														
PC Card Std slot	One Type I or Type II slot / CardBus 32-bit / integrated door														
Ports	3-in-1 digital media reader (MultiMedia Card, Memory Stick, Secure Digital) / S-video out port (TV out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)														
Video out	S-video out port (TV out) / one 4-pin industry standard connector <i>Some: IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard</i>														
IEEE 1394	<i>Some: IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard</i>														
Mini PCI	One Mini PCI slot / not customer upgradeable														
Lenovo 11a/b/g ¹¹	<i>Some: 11a/b/g wireless⁴, Lenovo 11a/b/g Mini PCI Adapter, Broadcom® chipset</i>														
Intel 11a/b/g ¹¹	<i>Some: 11a/b/g wireless⁴, Mini PCI, Intel PRO/Wireless 2915ABG, 82533 chipset</i>														
Bluetooth™	None														
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / Conexant® chipset / not customer accessible														
Ethernet	10/100 on systemboard / RealTek RTL8100CL / PCI 2.3 / PHY/MAC														
Audio support	AC97 codec / RealTek ACL250 controller / stereo speakers / 1 watt / mute button / mono microphone / microphone input jack (3.5 mm) / headphone jack (3.5 mm)										License - CD not included (all) - Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client (Notes client not supported on XP Home)				
Security	Power-on password / hard disk password / supervisor password / security keyhole														
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available										Universal 65-watt AC adapter Wireless on/off switch RoHS compliant ENERGY STAR®-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹²				
256MB PC2-4200 DDR2 NP CL4 SOD	73P3840	Lenovo C100 Series Li-Ion Battery 8-cell	40Y8313												
512MB PC2-4200 DDR2 NP CL4 SOD	73P3842	ThinkPad and Lenovo 65W AC Adapter	40Y7696												
1GB PC2-4200 DDR2 NP CL4 SOD	73P3844	ThinkPad 90W AC/DC Combo Adapter	40Y7630												
USB Portable Diskette Drive	05K9276	Belkin Surge Protector	31P7659												
USB 2.0 Essential Memory Key 512MB	40Y8590	Lenovo Carrying Case - Messenger	40Y8598												
USB 2.0 Memory Key 1GB	40Y7421	Lenovo Carrying Case - Top Loader	40Y8601												
USB 2.0 Port Replicator with Video	40Y8132	Lenovo Carrying Case - Backpack	40Y8603												
USB 2.0/Analog Headset by Sennheiser	40Y8518	E74 17" FST CRT Monitor (16.0 vis) blk	332PHN												
USB 2.0 Lenovo Webcam	40Y8519	Lenovo L151 15" Monitor (black)	9165AB6												
USB 2.0 Super Multi-Burner Drive	40Y8638	Lenovo L171 17" Monitor (black)	9227AB6												
USB Keyboard with UltraNav	31P8950	Lenovo L191 19" Monitor (black)	6135AB1												
USB Travel Keyboard with UltraNav	31P9490	Lenovo L192 Wide 19" Monitor (black)	6920AB1												
Kensington® MicroSaver® Security Cable	73P2582	ThinkVision® C170 17" (16.0" vis) (black)	6737P6N												
Kensington Kevlar MicroSaver Cable Lock	22P7446	ThinkVision C190 19" (18.0" vis) (black)	6739P0N												
Lenovo M500 Projector	0037A05	ThinkVision L171p 17" Monitor (black)	9417HB2												
Optical 3-Button Travel Wheel Mouse	31P7410	ThinkVision L192p 19" Monitor (black)	9419HB2												
Optical 3-Button ScrollPoint® Mouse	31P7405	ThinkVision L201p 20.1" Monitor (black)	9320HB1												
Verizon Wireless V620 WWAN PC Card ²⁵	40Y9137	Other options at http://lenovo.com/options													

See footnotes for important warranty information
US models announced February 23 or April 18, 2006
US models withdrawn effective October 2006

* Powered by Intel Centrino® mobile technology

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Type-model	Processor	GHz	Memory	Display screen	Integrated graphics controller	SATA disk ⁸	EIDE optical	Mini PCIe 802.11 wireless	Modem	Blue-tooth	Fire-Wire	Preload	Limited warranty ¹²	Avail date
8922-28U	Celeron® M 420	1.60	512MB	15.0" XGA	GMA	80GB	DVD±RW	Lenovo 11b/g ¹¹	Modem	No	1394	XP Home	1-yr	Oct 06
8922-2FU	Celeron M 420	1.60	512MB	15.0" XGA	GMA	40GB	Combo	Lenovo 11b/g	Modem	No	1394	XP Home	1-yr	Oct 06
8922-29U	Celeron M 420	1.60	512MB	15.0" XGA	GMA	80GB	Combo	Lenovo 11b/g	Modem	No	1394	XP Pro	1-yr	Oct 06
8922-02U	Celeron M 440	1.86	512MB	15.0" XGA	GMA	80GB	Combo	Lenovo 11b/g	Modem	No	1394	XP Pro	1-yr	May 07
8922-5WU	Celeron M 520	1.60	512MB	15.0" XGA	GMA	80GB	Combo	Lenovo 11b/g	Modem	No	1394	XP Pro	1-yr	Jan 07
8922-BFU	Pentium® T2060	1.66	1GB	15.0" XGA	GMA	80GB	DVD±RW	Lenovo 11b/g	Modem	No	1394	XP Pro	1-yr	Jan 07
8922-2AU	Core™ 2 Duo T5500	1.66	512MB	15.0" XGA	GMA	80GB	Combo	* Intel 11a/b/g ¹¹	Modem	No	1394	XP Pro	1-yr	Oct 06
8922-2BU	Core 2 Duo T5500	1.66	1GB	15.0" XGA	GMA	80GB	DVD±RW	* Intel 11a/b/g	Modem	No	1394	XP Pro	1-yr	Oct 06

These Lenovo 3000 C200 models have a 15.0" screen

Positioning Processor	<p><i>Mainstream features; two spindles</i> Intel® Celeron M Processor 420 or 440 with Execute Disable Bit/ 533MHz system bus, and 1MB L2 cache or Intel Celeron M Processor 520 with Execute Disable Bit, Intel 64 Technology, 533MHz system bus, and 1MB L2 cache or Intel Pentium Processor T2060 with dual-core, Enhanced Intel SpeedStep® technology¹, Execute Disable Bit, 533MHz system bus, and 1MB L2 cache (shared) or Intel Core 2 Duo processor T5500 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology, Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache</p>										<p>SOFTWARE¹⁴ Windows XP Professional models - Microsoft® Windows® XP Professional²⁰ (Service Pack 2) ⇨ Disk-to-Disk Recovery Windows XP Home models - Microsoft Windows XP Home Edition²⁰ (Service Pack 2) ⇨ Disk-to-Disk Recovery Preloaded (all OSes) • Lenovo CareSM Tools - Rescue and RecoveryTM - System Update - Password Manager - Access ConnectionsTM • Norton Internet Security 2005 AntiSpyware Edition (90 days of virus definitions) • PC-DoctorTM (diagnostics) • Adobe® Reader • Google Toolbar • Google Desktop • Picasa from Google • DiskeeperTM Lite • Corel® Small Business CenterTM with WordPerfect® Office 12 • EarthLink (XP Home models only) • Roxio Digital Media LE (combo, DVD±RW) • InterVideo WinDVD (combo, DVD±RW) • InterVideo WinDVD Creator (DVD±RW)</p>				
Memory	<p>512MB or 1GB std / 4GB max⁷ / PC2-5300 667MHz DDR2 / non-parity / dual-channel capable / two 200-pin SO-DIMM sockets / <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available</p>														
Diskette drive	None standard / use optional USB-based diskette drive														
EIDE Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm														
EIDE DVD±RW	Some: CD and DVD burner / dual-layer support / fixed, not removable / 12.7mm														
SATA disk	40GB⁸ or 80GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable														
Screen	15.0" (381.0mm) XGA (1024x768) TFT color / anti-glare / 180 nits														
Graphics	Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz														
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo Care SM button														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)														
Dimensions ³	(WxDxH): 13.3" x 11.0" x 1.10-1.49"; 338.7mm x 279mm x 28.1-37.9mm														
Weight ²	with optical drive and battery: 6.19 lb (2.78 kg)														
Case	Color: silver top and bottom; Material: Acrylonitrile-Butadiene-Styrene (ABS) plastic														
Battery - type	Lithium Ion 6-cell														
Battery - life ¹⁰	Celeron and Pentium models: up to 2.5 hr; Core 2 Duo models: up to 3.75 hr														
Chipset	<p>Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC bus) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O) One Type I or Type II slot, CardBus 32-bit</p>														
PC Card Std slot	5-in-1 Multicard Reader (MultiMedia Card, Memory Stick®, Memory Stick Pro TM , Secure Digital, xD-Picture Card TM) / S-video out port (TV-out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)														
Ports															
Video out	S-video out port (TV-out) / one 7-pin industry standard connector														
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard														
Mini PCI Express	One Mini PCI Express slot / not customer upgradable														
Lenovo 11b/g ¹¹	Some: 11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset														
Intel 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG														
Bluetooth TM	None														
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / not customer accessible														
Ethernet	10/100 on systemboard / RealTek RTL8100CL / PCI 2.3 / PHY/MAC														
Audio support	High Definition (HD) Audio, RealTek ALC861VD controller / stereo speakers, 1.5 watt / mute button / mono microphone, microphone input jack (3.5 mm, stereo), headphone jack (3.5 mm, stereo)														
Security	Power-on password / hard disk password / supervisor password / security keyhole														
Fingerprint reader	None														
Limited warranty ¹²	1-year - EasyServ ^{TM,19} onsite ¹³ pickup and delivery / service upgrades ²² available														
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo C200 Series Li-Ion Battery 6-cell	40Y8322												
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	ThinkPad and Lenovo 65W AC Adapter	40Y7696												
USB Portable Diskette Drive	05K9276	Lenovo 90W Slim AC/DC Combo Adapter	41N8460												
USB 2.0 Essential Memory Key 2GB	41U4944	Lenovo Carrying Case - Messenger Max	41U5253												
USB 2.0 Security Memory Key 4GB	41U5120	Lenovo Carrying Case Top Loader	40Y8601												
USB 2.0 Lenovo Enhanced Port Replicator	43R8770	Lenovo Case - Performance Backpack	41U5254												
USB 2.0 Multimedia Headset	40Y8518	Lenovo M500 Projector	0037A05												
USB 2.0 Lenovo Webcam	40Y8519	ThinkVision® L171 17" LCD Monitor	9227AD1												
USB 2.0 Portable 80GB Hard Disk	41N8378	ThinkVision L171p 17" LCD Monitor	9417HC2												
USB 2.0 Portable 120GB Hard Disk	41N8379	ThinkVision L190x 19" LCD Monitor	4439HB2												
USB 2.0 Super Multi-Burner Drive	41N5565	ThinkVision L193p 19" LCD Monitor	4431HB2												
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	ThinkVision L194 Wide 19" LCD Monitor	4434HB6												
Optical 3-Button Travel Wheel Mouse	31P7410	ThinkVision L220x Wide 22" LCD Monitor	4433HB2												
Lenovo Laser Mouse (USB, PS/2)	41U3074	Kensington® MicroSaver® Security Cable	73P2582												
Other accessories on O-C200 sheet	Others at http://lenovo.com/accessories														

See footnotes for important warranty information * Intel Centrino® processor technology
 US models announced Oct 17, 2006, Jan 24, May 1, or June 1, 2007
 US models withdrawn effective April 2008

Type-model	Processor	GHz	Core	Memory	Display screen	Integrated graphics controller	SATA Disk ⁸	EIDE Optical	Mini PCIe 802.11 wireless	Mo-dem	Fire-Wire	Preload	Vista logo	Limited war-ranty ¹²	Avail date
8922-A1U	Celeron® M 430	1.73	Single	512MB	15.0" XGA	GMA 80GB	80GB	DVD±RW	Lenovo 11b/g ¹¹	Yes	1394	Home Basic	Basic	1-yr	Jan 07
8922-A2U	Celeron M 430	1.73	Single	512MB	15.0" XGA	GMA 80GB	80GB	Combo	Lenovo 11b/g	Yes	1394	Business32	Basic	1-yr	Jan 07
8922-04U	Celeron M 520	1.60	Single	512MB	15.0" XGA	GMA 80GB	80GB	DVD±RW	Lenovo 11b/g	Yes	1394	Home Basic	Basic	1-yr	Jun 07
8922-A4U	Pentium® T2060	1.60	Dual	1GB	15.0" XGA	GMA 80GB	80GB	DVD±RW	Lenovo 11b/g	Yes	1394	Business32	Premium	1-yr	Jan 07
8922-01U	Pentium T2080	1.70	Dual	1GB	15.0" XGA	GMA 120GB	120GB	DVD±RW	Lenovo 11b/g	Yes	1394	Business32	Premium	1-yr	May 07
8922-03U	Pentium T2080	1.70	Dual	1GB	15.0" XGA	GMA 120GB	120GB	DVD±RW	Lenovo 11b/g	Yes	1394	XP Pro		1-yr	Jun 07
These Lenovo 3000 C200 models have a 15.0" screen															
Positioning Processor	<i>Mainstream features; two spindles</i> Intel® Celeron M Processor 430 with single-core, Execute Disable Bit, 533MHz system bus, and 1MB L2 cache or Intel Celeron M Processor 520 with Execute Disable Bit, Intel 64 Technology, 533MHz system bus, and 1MB L2 cache or Intel Pentium Processor T2060 or T2080 with dual-core , Enhanced Intel SpeedStep® technology ¹ , Execute Disable Bit, 533MHz system bus, and 1MB shared L2 cache											Preloaded operating system²⁰ - <i>Some:</i> Microsoft® Windows® Vista™ Home Basic Edition (32-bit) - <i>Some:</i> Microsoft Windows Vista Business Edition (32-bit) - <i>Some:</i> Microsoft Windows XP Professional			
Memory	512MB or 1GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2 / non-parity / dual-channel capable / two 200-pin SO-DIMM sockets / <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available											Preloaded applications¹⁴ (all OSES) • Lenovo Care SM Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security (90 days of virus definitions) • PC-Doctor™ (diagnostics) • Adobe® Reader • Picasa from Google • Diskeeper® Lite (XP models) • Diskeeper Home (Vista models) • Corel® Small Business Center™ with WordPerfect® Office 12 • QuickBooks Financial Center • Network Magic™ (Vista only) • Windows Live™ Toolbar (Vista only) • Windows Live Search (Vista only) • QuickBooks Financial Center • Microsoft Office 2007 Trial (Vista only) • EarthLink (Vista Home Basic models only)			
Diskette drive	None standard / use optional USB-based diskette drive														
EIDE Combo	<i>Some:</i> DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm														
EIDE DVD±RW	<i>Some:</i> CD and DVD burner / dual-layer support / fixed, not removable / 12.7mm														
SATA disk	80GB⁸ or 120GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable														
Screen	15.0" (381.0mm) XGA (1024x768) TFT color / anti-glare / 180 nits														
Graphics	Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz														
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo Care SM button														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)														
Dimensions ³	(WxDxH): 13.3" x 11.0" x 1.10-1.49"; 338.7mm x 279mm x 28.1-37.9mm														
Weight ²	with optical drive and battery: 6.13 lb (2.78 kg)														
Case	<i>Color:</i> silver top and bottom; <i>Material:</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic														
Battery - type	Lithium Ion 6-cell														
Battery - life ¹⁰	<i>Celeron models:</i> up to 2.5 hr; <i>Core Duo models:</i> up to 3.75 hr														
Chipset	Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC bus) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O)														
PC Card Std slot	One Type I or Type II slot, CardBus 32-bit														
Ports	5-in-1 Multicard Reader (MultiMedia Card, Memory Stick®, Memory Stick Pro™, Secure Digital, xD-Picture Card™) / S-video out port (TV-out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)														
Video out	S-video out port (TV-out) / one 7-pin industry standard connector														
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard														
Mini PCI Express	One Mini PCI Express slot / not customer upgradable														
Lenovo 11b/g ¹¹	11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset														
Bluetooth™	None														
Modem	56K® V.90 (V.92-designed ¹⁵) modem / not customer accessible														
Ethernet	10/100 on systemboard / RealTek RTL8100CL / PCI 2.3 / PHY/MAC														
Audio support	High Definition (HD) Audio, RealTek ALC861VD controller / stereo speakers, 1.5 watt / mute button / mono microphone, microphone input jack (3.5 mm, stereo), headphone jack (3.5 mm, stereo)														
Security	Power-on password / hard disk password / supervisor password / security keyhole														
Fingerprint reader	None														
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available														
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo C200/N200 15W Battery 6-cell 40Y8322													
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	ThinkPad® and Lenovo 65W AC Adapter 40Y7696													
USB Portable Diskette Drive	05K9276	Lenovo 90W Slim AC/DC Combo Adapter 41N8460													
USB 2.0 Multimedia Headset	40Y8518	Lenovo Carrying Case - Messenger Max 41U5253													
USB 2.0 Lenovo Webcam	40Y8519	Lenovo Carrying Case - Top Loader 40Y8601													
USB 2.0 Essential Memory Key 2GB	41U4944	Lenovo Case - Performance Backpack 41U5254													
USB 2.0 Security Memory Key 4GB	41U5120	Lenovo M500 Projector 0037A05													
USB 2.0 Lenovo Enhanced Port Replicator	43R8770	ThinkVision® L171 17" LCD Monitor 9227AD1													
USB 2.0 Portable 120GB Hard Disk	41N8379	ThinkVision L171p 17" LCD Monitor 9417HC2													
USB 2.0 Super Multi-Burner Drive	41N5565	ThinkVision L190x 19" LCD Monitor 4439HB2													
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	ThinkVision L193p 19" LCD Monitor 4431HB2													
Optical 3-Button Travel Wheel Mouse	31P7410	ThinkVision L194 Wide 19" LCD Monitor 4434HB6													
Lenovo Laser Mouse (USB, PS/2)	41U3074	ThinkVision L220x Wide 22" LCD Monitor 4433HB2													
Other accessories on O-C200 sheet	Others at http://lenovo.com/accessories														
													Universal 65-watt AC adapter Wireless on/off switch RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378		
													Lenovo Care SM 1-year LOR 9x5 NBD 41K0547		
													Lenovo Care 2-year LOR 9x5 NBD 41K0548		
													Lenovo Care 2-year P&L PU Depot 41K0545		
													Lenovo Care 3-year LOR 9x5 NBD 41K0549		
													Lenovo Care 3-year P&L PU Depot 41K0546		
													Lenovo Care maintenance services at http://lenovo.com/warranty		

See footnotes for important warranty information

US models announced January 30, May 1, June 12, or June 26, 2007

US models withdrawn effective Sept 2007, Oct 2007, Dec 2007, or April 2008

**Partial list of accessories supported on:
• Lenovo 3000 C200**

Memory

512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	ann 01/05/06
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	ann 01/05/06

Storage and removable storage

USB Portable Diskette Drive	05K9276	ann 06/05/00
USB 2.0 Essential Memory Key 1GB	41U4940	ann 01/23/07
USB 2.0 Essential Memory Key 2GB	41U4944	ann 01/23/07
USB 2.0 Security Memory Key 1GB	41U5118	ann 07/17/07
USB 2.0 Security Memory Key 2GB	41U5119	ann 07/17/07
USB 2.0 Security Memory Key 4GB	41U5120	ann 07/17/07
USB 2.0 CD-RW/DVD-ROM Combo II Drive	40Y8637	ann 01/05/06
USB 2.0 Portable 80GB Hard Disk	41N8378	ann 04/17/07
USB 2.0 Portable 120GB Hard Disk	41N8379	ann 04/17/07
USB 2.0 Super Multi-Burner Drive	41N5565	ann 01/23/07

120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	ann 03/20/07
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Expansion

USB 2.0 Lenovo Enhanced Port Replicator	43R8770	ann 02/26/08
ThinkPad Adjustable Notebook Stand	40Y7676	ann 09/20/05

External Keyboard

USB Numeric Keypad	33L3225	ann 05/01/00
Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
Enhanced Perf Wireless Keyboard and Mouse	73P4067	ann 12/07/04
USB Keyboard with UltraNav	31P8950	ann 01/28/03
USB Travel Keyboard with UltraNav	31P9490	ann 04/27/04

External Mouse

USB Optical Wheel Mouse	06P4069	ann 05/21/03
Optical 3-Button ScrollPoint® Mouse	31P7405	ann 08/27/02
Optical 3-Button Travel Wheel Mouse	31P7410	
Lenovo Laser Mouse (USB, PS/2)	41U3074	ann 01/23/07
Lenovo Bluetooth Laser Mouse	41U5008	ann 01/22/08

Data/Video Projectors

Lenovo M500 Projector	0037A05	ann 02/28/06
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Security

Kensington® Cable Lock from Lenovo	73P2582	ann 12/29/03
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06
PC Card Gemplus Smart Card Reader	41N3004	ann 12/13/05

Multimedia

USB 2.0 Lenovo Multimedia Headset	40Y8518	ann 06/27/06
USB 2.0 Lenovo Webcam	40Y8519	ann 08/29/06

Power Accessories

Lenovo C200/N200 15W Li-Ion Battery 6-cell	40Y8322	ann 10/17/06
ThinkPad and Lenovo 65W AC Adapter	40Y7696	ann 09/20/05
ThinkPad and Lenovo 90W AC Adapter	40Y7659	ann 09/20/05
Lenovo 90W Slim AC/DC Combo Adapter	41N8460	ann 11/27/07
Belkin Surge Protector	31P7659	
Belkin 1 outlet Notebook Surge	31P7658	

Carrying Cases

Lenovo Carrying Case - Messenger	40Y8598	ann 02/23/06
Lenovo Carrying Case - Messenger Max	41U5253	ann 05/01/07
Lenovo Carrying Case - Top Loader	40Y8601	ann 02/23/06
Lenovo Carrying Case - Backpack	40Y8603	ann 02/23/06
Lenovo Carry Case - Performance Backpack	41U5254	ann 05/01/07

Monitors

Lenovo E75 17" CRT Monitor (16.0" vis) blk	6307BTN	ann 01/16/07
ThinkVision® L151 15" LCD Monitor	9165AC6	ann 10/23/07
ThinkVision L171 17" LCD Monitor	9227AD1	ann 10/23/07
ThinkVision L171p 17" LCD Monitor	9417HC2	ann 10/31/06
ThinkVision L190x 19" LCD Monitor	4439HB2	ann 10/23/07
ThinkVision L193p 19" LCD Monitor	4431HB2	ann 10/23/07
ThinkVision L194 Wide 19" LCD Monitor	4434HB6	ann 10/23/07
ThinkVision L220x Wide 22" LCD Monitor	4433HB2	ann 10/23/07

Monitor Accessories⁴⁶

ThinkVision USB Soundbar	40Y7616	ann 08/23/05
Kensington Cable Lock from Lenovo	73P2582	ann 12/29/03
ThinkPad Convertible Monitor Stand	40Y7620	ann 01/05/06
Radial Arm	19K4464	ann 05/05/00

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

Medialess License Key (MLK)

Microsoft® Office 2007 Basic, English	43R1528	ann 01/31/07
Microsoft Office 2007 Small Business, Engl	43R1534	ann 01/31/07
Microsoft Office 2007 Professional, English	43R1531	ann 01/31/07

Other accessories at <http://lenovo.com/accessories>

Accessories Guide pdf at <http://lenovo.com/accessoriesguide>

Need to buy accessories no longer marketed by Lenovo? See www.itxchange.com/lenovo for the Options Continuation Program.

Lenovo CareSM maintenance services

Warranty service upgrade:²²

1-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0547
2-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0548
2-year Parts and Labor (P&L) Pickup Depot	41K0545
3-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0549
3-year Parts and Labor (P&L) Pickup Depot	41K0546

Post-warranty maintenance services:⁵

1-year maintenance Parts and Labor Pickup Depot SBD	41K0550
1-year maintenance 9x5 Next Business Day response	41K0551
2-year maintenance Parts and Labor Pickup Depot SBD	41K0552
2-year maintenance 9x5 Next Business Day response	41K0553

[SBD=Second Business Day average response]

Lenovo Care maintenance services at <http://lenovo.com/warranty>

Lenovo™ 3000 N100 (0689) - withdrawn

Created by Lenovo Training Solutions
Personal Systems Reference (PSREF)

Type-model	Processor	Speed GHz	Memory	Widescreen display	Screen type	SATA disk GB ⁸	EIDE optical	Mini PCIe 802.11 wireless	Camera	Blue-tooth	Finger-print reader	Bat-tery Pre-load	Limited war-ranty ¹²	Avail date
0689-3GU	Celeron® 420	1.60	512MB	14.1" WXGA	Glossy	80GB	Combo	Lenovo 11a/b/g ¹¹	None	Blue		6 XP Home	1-yr	Apr 06
0689-36U	Celeron 420	1.60	512MB	14.1" WXGA	Glossy	100G	Combo	Lenovo 11a/b/g	None	Blue		6 XP Pro	1-yr	Apr 06
0689-3KU	Celeron 420	1.60	512MB	14.1" WXGA	Glossy	100G	DVD±RW	Lenovo 11a/b/g	None	Blue	Finger	6 XP Home	1-yr	Apr 06
0689-38U	Core™ Duo T2300	1.66	512MB	14.1" WXGA	Anti-glare	80GB	Combo	* Intel 11a/b/g ¹¹	None	Blue		6 XP Pro	1-yr	Mar 06
0689-28U	Core Duo T2300	1.66	512MB	14.1" WXGA	Glossy	80GB	DVD±RW	* Intel 11a/b/g	None	Blue	Finger	6 XP Home	1-yr	Mar 06
0689-29U	Core Duo T2300	1.66	512MB	14.1" WXGA	Glossy	80GB	DVD±RW	* Intel 11a/b/g	None	Blue	Finger	6 XP Pro	1-yr	Mar 06
0689-2BU	Core Duo T2400	1.83	512MB	14.1" WXGA	Glossy	100G	DVD±RW	* Intel 11a/b/g	None	Blue	Finger	6 XP Pro	1-yr	Mar 06
0689-6AU	Core Duo T2300E	1.66	512MB	14.1" WXGA	Anti-glare	80GB	Combo	* Intel 11a/b/g	None	Blue		6 XP Pro	1-yr	May06
0689-6DU	Core Duo T2300E	1.66	512MB	14.1" WXGA	Glossy	80GB	DVD±RW	* Intel 11a/b/g	None	Blue	Finger	6 XP Home	1-yr	May06
0689-6EU	Core Duo T2300E	1.66	512MB	14.1" WXGA	Glossy	80GB	DVD±RW	* Intel 11a/b/g	None	Blue	Finger	6 XP Pro	1-yr	May06
0689-6GU	Core Duo T2500	2.00	1GB	14.1" WXGA	Glossy	100G	DVD±RW	* Intel 11a/b/g	None	Blue	Finger	6 XP Pro	1-yr	May06

These Lenovo 3000 N100 models use a 14.1" widescreen display

Positioning	<i>Stylish widescreen notebooks combining popular features at a great price; two-spindle</i>										SOFTWARE¹⁴				
Processor	Intel® Celeron M Processor 420 with Execute Disable Bit, 533MHz system bus, and 1MB L2 cache or Intel Core Duo processor T2300, T2300E, T2400, or T2500 with dual-core, Enhanced Intel SpeedStep™ technology ¹ , Execute Disable Bit, and 667MHz system bus / 2MB L2 cache (shared)										Windows XP Professional models				
Memory	512MB or 1GB std / 2GB max ⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets / std mem in 1 socket / 1 socket avail										- Microsoft® Windows® XP Professional ²⁰ (Service Pack 2) ↔ Disk-to-Disk Recovery (in hidden protected area)				
Diskette drive	None standard / use optional USB-based diskette drive										Windows XP Home models				
EIDE Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm										- Microsoft Windows XP Home Edition ²⁰ (Service Pack 2) ↔ Disk-to-Disk Recovery (in hidden protected area)				
EIDE DVD±RW	Some: DVD and CD burner / dual-layer support / fixed, not removable / 12.7mm high										Preloaded (all)				
Serial ATA disk	80GB ⁸ or 100GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable										• Lenovo Care SM Tools - Rescue and Recovery™ - System Update - Password Manager - Access Connections™				
Widescreen display	Some: 14.1" (358.1mm) WXGA (1280x800) TFT color / anti-glare / 185 nits Some: 14.1" (358.1mm) WXGA (1280x800) TFT color / glossy / VibrantView /185nits										• Norton Internet Security 2005 AntiSpyware Edition (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Adobe® Reader • Google Toolbar • Google Desktop • Picasa from Google • Diskeeper™ Lite • Corel® Small Business Center™ with WordPerfect® Office 12 • AOL and EarthLink (XP Home models only) • Roxio Digital Media LE (combo, DVD±RW) • InterVideo WinDVD (combo, DVD±RW) • InterVideo WinDVD Creator (DVD±RW)				
Graphics	Intel Graphics Media Accelerator 950 (GMA 950) / integrated in 945GM / 250MHz										License - CD not included (all) - Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client (Notes client not supported on XP Home)				
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo Care SM button										65-watt AC adapter				
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)										Wireless on/off switch				
Dimensions ³	6-cell (WxDxH): 13.3"x 10.1"x 1.2" to 1.5"; 338.7mm x 257.4mm x 30.3 to 37.7mm 9-cell (WxDxH): 13.3"x 10.9"x 1.2" to 1.5"; 338.7mm x 277.3mm x 30.3 to 37.7mm										Windows Vista™ capable				
Weight ²	with optical drive and battery: 5.45 lb (2.47 kg)										RoHS-compliant				
Case	Color: silver top; silver bottom; Material: ABS plastic										ENERGY STAR®-compliant				
Battery - type	Lithium Ion 6-cell										International Warranty Service ¹⁷				
Battery - life ¹⁰	6-cell: up to 3.0 hr; optional 9-cell: up to 5.0 hr										24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹²				
Architecture	Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, [Bluetooth], [fingerprint]) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O)										Lenovo Care SM 1-year LOR 9x5 NBD 41K0547				
PC Card Std slot	One Type I or Type II slot / CardBus 32-bit / integrated door										Lenovo Care 2-year LOR 9x5 NBD 41K0548				
Ports	4-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Secure Digital, xD Picture Card) / S-video out port (TV out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)										Lenovo Care 2-year P&L PU Depot 41K0545				
Video out	S-video out port (TV out) / one 4-pin industry standard connector										Lenovo Care 3-year LOR 9x5 NBD 41K0549				
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard										Lenovo Care 3-year P&L PU Depot 41K0546				
Integrated camera	None														
Mini PCI Express	One Mini PCI Express slot / not customer upgradeable														
Intel 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG														
Lenovo 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Lenovo 11a/b/g Mini PCI Express Adptr, Broadcom® chipset														
Bluetooth™	Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator														
Modem	56K ⁹ V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible														
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3														
Audio support	Intel High Definition (HD) audio / ADI 1986A codec / stereo speakers / 1 watt / volume up, down, mute buttons / mono microphone / microphone input jack (3.5 mm) / headphone jack (3.5 mm)														
Security	Power-on password / hard disk password / supervisor password / security keyhole														
Fingerprint reader	Some: Fingerprint reader on palm rest / swipe sensor / no pre-boot support														
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available														
256MB PC2-5300 DDR2 CL5 SODIMM	40Y7732	Lenovo N100 Series Li-Ion Battery 6-cell	40Y8315												
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo N100 Series Li-Ion Battery 9-cell	40Y8317												
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	ThinkPad and Lenovo 65W AC Adapter	40Y7696												
60GB Disk SATA150 9.5mm (5400 rpm)	41N3025	ThinkPad 90W AC/DC Combo Adapter	40Y7630												
100GB Disk SATA150 9.5mm (5400 rpm)	41N3026	Belkin Surge Protector	31P7659												
USB Portable Diskette Drive	05K9276	Lenovo Carrying Case - Messenger	40Y8598												
USB 2.0 Memory Key 1GB	40Y7421	Lenovo Carrying Case - Top Loader	40Y8601												
USB 2.0 Port Replicator with Video	40Y8132	Lenovo Carrying Case - Backpack	40Y8603												
USB 2.0 Portable 80GB Hard Disk	40Y8726	Lenovo L171 17" Monitor (black)	9227AC1												
USB 2.0 Super Multi-Burner Drive	40Y8638	Lenovo L191 19" Monitor (black)	6135AB1												
USB Travel Keyboard with UltraNav	31P9490	Lenovo L192 Wide 19" Monitor (black)	6920AB1												
Enhanced Performance USB Keyboard	73P2620	ThinkVision® L192p 19" Monitor (black)	9419HC2												
Kensington® MicroSaver® Security Cable	73P2582	ThinkVision L201p 20.1" Monitor (black)	9220HB1												
SonyEricsson® GC83 EDGE PC Card	26K3393	Lenovo M500 Projector	0037A05												
Verizon Wireless V620 WWAN PC Card ²⁵	40Y9137	Other options at http://lenovo.com/options													

See footnotes for important warranty information
US models announced March 21, April 19, or May 30, 2006
US models withdrawn effective December 2006

* Powered by Intel Centrino Duo® mobile technology

Lenovo™ 3000 N100 (0689) - September 2006 - withdrawn

Created by Lenovo Training Solutions
Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Widescreen display	Screen type	SATA disk ⁸	EIDE optical	Mini PCIe 802.11 wireless	Camera	Finger-Blue-tooth	Bat- print reader	tery cells	Pre- Load	Limited war- ranty ¹²	Avail date
0689-A4U	Core™ 2 Duo T5500	1.66	512MB	14.1"	WXGA Anti-glare	80GB	Combo	*Intel 11a/b/g ¹¹		Blue		6 XP Pro		1-yr	Sep 06
0689-A5U	Core 2 Duo T5500	1.66	1GB	14.1"	WXGA Glossy	100GB	DVD±RW	*Intel 11a/b/g		Blue Finger		6 XP Home		1-yr	Sep 06
0689-A6U	Core 2 Duo T5500	1.66	1GB	14.1"	WXGA Glossy	80GB	DVD±RW	*Intel 11a/b/g		Blue Finger		6 XP Pro		1-yr	Sep 06
0689-A7U	Core 2 Duo T7200	2.00	1GB	14.1"	WXGA Glossy	100GB	DVD±RW	Lenovo 11n ²⁸	Cam	Blue Finger		6 XP Pro		1-yr	Nov 06

These Lenovo 3000 N100 models use a 14.1" widescreen display

Positioning Processor	<p><i>Widescreen flexibility; two spindles</i> Intel® Core 2 Duo processor T5500 or T7200 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep™ technology¹, Execute Disable Bit, and 667MHz system bus; T5500: 2MB shared L2 cache; T7200: 4MB shared L2 cache</p>										<p>SOFTWARE¹⁴ Windows XP Professional models - Microsoft® Windows® XP Professional²⁰ (Service Pack 2) ⇨ Disk-to-Disk Recovery (in hidden protected area) Windows XP Home models - Microsoft Windows XP Home Edition²⁰ (Service Pack 2) ⇨ Disk-to-Disk Recovery (in hidden protected area) Preloaded (all) • Lenovo CareSM Tools - Rescue and Recovery™ - System Update - Password Manager - Access Connections™ • Norton Internet Security 2005 AntiSpyware Edition (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Adobe® Reader • Google Toolbar • Google Desktop • Picasa from Google • Diskkeeper™ Lite • Core!® Small Business Center™ with WordPerfect® Office 12 • AOL and EarthLink (XP Home models only) • Roxio Digital Media LE (combo, DVD±RW) • InterVideo WinDVD (combo, DVD±RW) • InterVideo WinDVD Creator (DVD±RW) License - CD not included (all) - Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client (Notes client not supported on XP Home)</p>				
Memory	<p>512MB or 1GB std / 2GB max⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets / 512MB and A7U models: standard memory in 1 socket / 1 socket available A5U/A6U 1GB models: standard memory in 2 sockets (512MB each) / no socket available</p>														
Diskette drive	None standard / use optional USB-based diskette drive														
EIDE Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm														
EIDE DVD±RW	Some: DVD and CD burner / dual-layer support / fixed, not removable / 12.7mm high														
Serial ATA disk	80GB⁸ or 100GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable														
Widescreen display	Some: 14.1" (358.1mm) WXGA (1280x800) TFT color / anti-glare / 185 nits Some: 14.1" (358.1mm) WXGA (1280x800) TFT color / glossy / VibrantView /185nits														
Graphics	Intel Graphics Media Accelerator 950 (GMA 950) / integrated in 945GM / 250MHz														
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo Care SM button														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)														
Dimensions ³	<p>6-cell (WxDxH): 13.3"x 10.1"x 1.2" to 1.5"; 338.7mm x 257.4mm x 30.3 to 37.7mm; 9-cell (WxDxH): 13.3"x 10.9"x 1.2" to 1.5"; 338.7mm x 277.3mm x 30.3 to 37.7mm with optical drive and battery: 5.59 lb (2.53 kg)</p>														
Weight ²	Color: silver top; silver bottom; Material: ABS plastic														
Case	Lithium Ion 6-cell														
Battery - type	6-cell: up to 3.2 hr; optional 9-cell: up to 4.4 hr														
Battery - life ¹⁰															
Architecture	<p>Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, [Bluetooth], [fingerprint]) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O)</p>														
PC Card Std slot	One Type I or Type II slot, CardBus 32-bit														
Ports	<p>4-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Secure Digital, xD-Picture Card™) / S-video out port (TV out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)</p>														
Video out	S-video out port (TV out) / one 7-pin industry standard connector														
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard														
Integrated camera	Some: camera on top of screen / 1.3-megapixel / fixed focus / internal USB 2.0														
Mini PCI Express	One Mini PCI Express slot / not customer upgradable														
Intel 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG														
Lenovo 11n ²⁸	Some: 11a/b/g/n wireless ⁴ , Lenovo 11a/b/g/n Mini PCI Express Adapter, Broadcom® BCM4321 chipset, MIMO 2x2														
Bluetooth™	Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator														
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible														
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3														
Audio support	Intel High Definition (HD) audio / ADI 1986A codec / stereo speakers / 1 watt / volume up, down, mute buttons / mono microphone / microphone input jack (3.5 mm) / headphone jack (3.5 mm)														
Security	Power-on password / hard disk password / supervisor password / security keyhole														
Fingerprint reader	Some: Fingerprint reader on palm rest / swipe sensor / no pre-boot support														
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available														
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo N100 Series Li-Ion Battery 6-cell	40Y8315												
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	Lenovo N100 Series Li-Ion Battery 9-cell	40Y8317												
USB Portable Diskette Drive	05K9276	ThinkPad and Lenovo 65W AC Adapter	40Y7696												
USB 2.0 Lenovo Multimedia Headset	40Y8518	ThinkPad 90W AC/DC Combo Adapter	40Y7630												
USB 2.0 Lenovo Webcam	40Y8519	Belkin Surge Protector	31P7659												
USB 2.0 Essential Memory Key 2GB	41U4944	Lenovo Carrying Case - Messenger Max	41U5253												
USB 2.0 Port Replicator with Video	40Y8132	Lenovo Carrying Case - Top Loader	40Y8601												
USB 2.0 Portable 120GB Hard Disk	41N8379	Lenovo Case - Performance Backpack	41U5254												
USB 2.0 Super Multi-Burner Drive	41N5565	Lenovo L171 17" Monitor (black)	9227AC1												
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	Lenovo L191 19" Monitor (black)	6135AB1												
USB Travel Keyboard with UltraNav	31P9490	Lenovo L192 Wide 19" Monitor (black)	6920AB1												
Enhanced Performance USB Keyboard	73P2620	ThinkVision® L192p 19" Monitor (black)	9419HC2												
Kensington® MicroSaver® Security Cable	73P2582	ThinkVision L201p 20.1" Monitor (black)	9220HB1												
SonyEricsson® GC83 EDGE PC Card	26K3393	Lenovo M500 Projector	0037A05												
Other accessories on O-3 sheet	Others at http://lenovo.com/accessories														
										65-watt AC adapter					
										Wireless on/off switch					
										RoHS-compliant					
										International Warranty Service ¹⁷					
										24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹²					
										Lenovo Care SM 1-year LOR 9x5 NBD 41K0547					
										Lenovo Care 2-year LOR 9x5 NBD 41K0548					
										Lenovo Care 2-year P&L PU Depot 41K0545					
										Lenovo Care 3-year LOR 9x5 NBD 41K0549					
										Lenovo Care 3-year P&L PU Depot 41K0546					

See footnotes for important warranty information
US models announced September 19 or October 31, 2006
US models withdrawn effective September 2007

* Powered by Intel Centrino® Duo mobile technology

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(AL11-1) September 2007

Type-model	Processor	GHz	Memory	Widescreen display	Screen type	SATA disk ⁸	EIDE optical	Mini PCIe 802.11 wireless	Blue-tooth	Finger-print reader	Vista preload	Vista logo	Limited warranty ¹²	Avail date
0689-E2U	Pentium® T2060	1.60	512MB	14.1"	WXGA Glossy	80GB	Combo	Lenovo 11b/g ¹¹	Blue	Finger	Business Basic		1-yr	Jan 07
0689-E4U	Pentium T2060	1.60	1GB	14.1"	WXGA Glossy	80GB	DVD±RW	Lenovo 11b/g	Blue	Finger	Business Premium		1-yr	Jan 07
0689-01U	Pentium T2080	1.70	512MB	14.1"	WXGA Glossy	80GB	DVD±RW	Lenovo 11b/g	Blue	Finger	Business Basic		1-yr	Apr 07
0689-E5U	Core 2 Duo T7200	2.00	1GB	14.1"	WXGA Glossy	120GB	DVD±RW	Lenovo 11n ²⁸	Blue	Finger	Business Premium		1-yr	Jan 07

These Lenovo 3000 N100 models use a 14.1" widescreen display

Positioning Processor	<p><i>Widescreen flexibility; two spindles</i> Intel® Pentium Processor T2060 or T2080 with dual-core, Enhanced Intel SpeedStep® technology¹, Execute Disable Bit, 533MHz system bus, and 1MB L2 cache (shared) or Intel Core 2 Duo processor T7200 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology¹, Execute Disable Bit, 667MHz system bus, and 4MB shared L2 cache [Virtualization Technology not supported]</p>										<p>Preloaded operating system²⁰ • Microsoft Windows® Vista™ Business Edition (32-bit) Preloaded applications¹⁴ • Lenovo Care™ Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Adobe® Reader • Picasa from Google • Diskeeper® Home • Corel® Small Business Center™ with WordPerfect® Office 12 • QuickBooks Financial Center</p>			
Memory	<p>512MB or 1GB std / 2GB max⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets; <i>E2U/01U:</i> standard memory in 1 socket / 1 socket available <i>Some:</i> (<i>italics</i>) standard memory in 2 sockets (512MB each) / no socket available</p>													
Diskette drive	None standard / use optional USB-based diskette drive													
EIDE Combo	<i>Some:</i> DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm													
EIDE DVD±RW	<i>Some:</i> DVD and CD burner / dual-layer support / fixed, not removable / 12.7mm high													
Serial ATA disk	80GB⁹ or 120GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable													
Widescreen display	14.1" (358.1mm) WXGA (1280x800) TFT color / glossy / VibrantView / 185nits													
Graphics	Intel Graphics Media Accelerator 950 (GMA 950) / integrated in 945GM / 250MHz													
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo Care™ button													
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)													
Dimensions ³	(WxDxH): 13.3" x 10.1" x 1.2" to 1.5"; 338.7mm x 257.4mm x 30.3 to 37.7mm													
Weight ²	with optical drive and battery: 5.59 lb (2.53 kg)													
Case	<i>Color:</i> silver top; silver bottom; <i>Material:</i> ABS plastic													
Battery - type	Lithium Ion 6-cell													
Battery - life ¹⁰	<i>6-cell:</i> Up to 3.6 hr; <i>optional 9-cell:</i> up to 5.6 hr													
Chipset	Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC bus, [Bluetooth], [fingerprint]) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O)													
PC Card Std slot	One Type I or Type II slot, CardBus 32-bit													
Ports	4-in-1 Multicard Reader (MultiMedia Card, Memory Stick®, Secure Digital, xD-Picture Card™) / S-video out port (TV out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)													
Video out	S-video out port (TV out) / one 7-pin industry standard connector													
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard													
Integrated camera	None													
Mini PCI Express	One Mini PCI Express slot / not customer upgradable													
Lenovo 11b/g ¹¹	<i>Some:</i> 11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset													
Lenovo 11n ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , Lenovo 11a/b/g/n Mini PCI Express Adapter, Broadcom® BCM4321 chipset, MIMO 2x2													
Bluetooth™	Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator													
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible													
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3													
Audio support	Intel High Definition (HD) audio, RealTek codec / stereo speakers, 1 watt / volume up, down, mute buttons / mono microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)													
Security	Power-on password / hard disk password / supervisor password / security keyhole													
Fingerprint reader	Fingerprint reader on palm rest / swipe sensor / no pre-boot support													
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available													
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo N100 Series Li-Ion Battery 6-cell	40Y8315											
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	Lenovo N100 Series Li-Ion Battery 9-cell	40Y8317											
USB Portable Diskette Drive	05K9276	ThinkPad and Lenovo 65W AC Adapter	40Y7696											
USB 2.0 Lenovo Multimedia Headset	40Y8518	Lenovo 90W Slim AC/DC Combo Adapter	41N8460											
USB 2.0 Lenovo Webcam	40Y8519	Belkin Surge Protector	31P7659											
USB 2.0 Essential Memory Key 2GB	41U4944	Lenovo Carrying Case - Messenger Max	41U5253											
USB 2.0 Port Replicator with Video	40Y8132	Lenovo Carrying Case - Top Loader	40Y8601											
USB 2.0 Super Multi-Burner Drive	41N5565	Lenovo Case - Performance Backpack	41U5254											
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	ThinkVision® L190x 19" LCD Monitor	4439HB2											
USB Travel Keyboard with UltraNav	31P9490	ThinkVision L193p 19" LCD Monitor	4431HB2											
Lenovo Laser Mouse (USB, PS/2)	41U3074	ThinkVision L194 Wide 19" LCD Monitor	4434HB6											
Kensington® MicroSaver® Security Cable	73P2582	ThinkVision L220x Wide 22" LCD Monitor	4433HB2											
SonyEricsson® GC83 EDGE PC Card	26K3393	Lenovo M500 Projector	0037A05											
Other accessories on O-3 sheet	Others at http://lenovo.com/accessories													

See footnotes for important warranty information
 US models announced January 30 or April 16, 2007
 US models withdrawn effective December 2007 or April 2008

Lenovo™ 3000 N100 (0768) - withdrawn

Created by Lenovo Training Solutions
Personal Systems Reference (PSREF)

Type-model	Processor	Speed GHz	Memory	Widescreen display	Screen type	Graphics controller	SATA disk GB ⁵	EIDE optical	Mini PCIe 802.11 wireless	Finger-print Camera reader	Chip-set	Pre-Load	Avail date
0768-4JU	Core™ Duo T2300	1.66	512MB	15.4" WXGA	Anti-glare	950	80GB DVD±RW	*Intel 11a/b/g ¹¹	None	Finger	GM XP Home	Mar 06	06
0768-35U	Core Duo T2300	1.66	512MB	15.4" WXGA	Anti-glare	950	80GB Combo	*Intel 11a/b/g	None	Finger	GM XP Pro	Mar 06	06
0768-36U	Core Duo T2300	1.66	512MB	15.4" WXGA	Anti-glare	950	80GB DVD±RW	*Intel 11a/b/g	None	Finger	GM XP Pro	Mar 06	06
0768-25U	Core Duo T2300	1.66	512MB	15.4" WSXGA+Glossy	Anti-glare	950	80GB DVD±RW	*Intel 11a/b/g	None	Finger	GM XP Home	Mar 06	06
0768-22U	Core Duo T2300	1.66	512MB	15.4" WSXGA+Glossy	Anti-glare	64MB	100G DVD±RW	*Intel 11a/b/g	None	Finger	PM XP Pro	Mar 06	06
0768-2CU	Core Duo T2400	1.83	512MB	15.4" WSXGA+Glossy	Anti-glare	128MB	100G DVD±RW	*Intel 11a/b/g	None	Finger	PM XP Pro	Mar 06	06
0768-34U	Celeron® M 420	1.60	512MB	15.4" WXGA	Anti-glare	950	80GB Combo	Intel 11a/b/g	None	Finger	GM XP Home	Apr 06	06
0768-3VU	Celeron M 420	1.60	512MB	15.4" WXGA	Anti-glare	950	80GB Combo	Lenovo 11a/b/g ¹¹	None	Finger	GM XP Home	Apr 06	06
0768-33U	Celeron M 420	1.60	512MB	15.4" WXGA	Anti-glare	950	100G DVD±RW	Lenovo 11a/b/g	None	Finger	GM XP Home	Apr 06	06
0768-3FU	Celeron M 420	1.60	512MB	15.4" WXGA	Anti-glare	950	100G Combo	Lenovo 11a/b/g	None	Finger	GM XP Pro	Apr 06	06
0768-6EU	Core Duo T2300E	1.66	512MB	15.4" WXGA	Anti-glare	950	80GB DVD±RW	*Intel 11a/b/g	None	Finger	GM XP Home	May 06	06
0768-6FU	Core Duo T2300E	1.66	512MB	15.4" WXGA	Anti-glare	950	80GB Combo	*Intel 11a/b/g	None	Finger	GM XP Pro	May 06	06
0768-6HU	Core Duo T2300E	1.66	512MB	15.4" WXGA	Anti-glare	950	80GB DVD±RW	*Intel 11a/b/g	None	Finger	GM XP Pro	May 06	06
0768-6NU	Core Duo T2500	2.0	512MB	15.4" WSXGA+Glossy	Anti-glare	128MB	100G DVD±RW	*Intel 11a/b/g	None	Finger	PM XP Home	May 06	06
0768-7YU	Core Duo T2500	2.0	1GB	15.4" WSXGA+Glossy	Anti-glare	128MB	100G DVD±RW	*Intel 11a/b/g	None	Finger	PM XP Pro	Jun 06	06

These Lenovo 3000 N100 models use a 15.4" widescreen display

Positioning Processor	<p><i>Widescreen flexibility; two spindles</i> Intel® Celeron M Processor 420 with Execute Disable Bit, 533MHz system bus, and 1MB L2 cache or Intel Core Duo processor T2300, T2300E, T2400, T2500 with dual-core, Enhanced Intel SpeedStep™ technology¹, Execute Disable Bit, and 667MHz system bus, and / 2MB shared L2 cache</p>										<p>SOFTWARE¹⁴ Windows XP Professional models - Microsoft® Windows® XP Professional²⁰ (Service Pack 2) ⇨ Disk-to-Disk Recovery (in hidden protected area) Windows XP Home models - Microsoft Windows XP Home Edition²⁰ (Service Pack 2) ⇨ Disk-to-Disk Recovery (in hidden protected area) Preloaded (all) • Lenovo Care™ Tools - Rescue and Recovery™ - System Update - Password Manager - Access Connections™ • Norton Internet Security 2005 AntiSpyware Edition (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Adobe® Reader • Google Toolbar • Google Desktop • Picasa from Google • Diskeeper® Lite • Corel® Small Business Center™ with WordPerfect® Office 12 • AOL and EarthLink (XP Home models only) • Roxio Digital Media LE (combo, DVD±RW) • InterVideo WinDVD (combo, DVD±RW) • InterVideo WinDVD Creator (DVD±RW) License - CD not included (all) - Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client (Notes client not supported on XP Home)</p>		
Memory	<p>512MB or 1GB std / 2GB max⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets / std mem in 1 socket / 1 socket avail</p>												
Diskette drive	None standard / use optional USB-based diskette drive												
EIDE Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm												
EIDE DVD±RW	Some: DVD and CD burner / dual-layer support / fixed, not removable / 12.7mm high												
SATA disk	80GB⁸ or 100GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable												
Widescreen display	<p>Some: 15.4" (391.1mm) WXGA (1280x800) TFT color / anti-glare / 185 nits Some: 15.4" (391.1mm) WSXGA+ (1680x1050) TFT color / glossy / VibrantView / 185 nits</p>												
Graphics	<p>Some: Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz Some: NVIDIA® GeForce® Go 7300-64 / CineFX® 4.0 chip / PCI Express x16 / 64MB Some: NVIDIA GeForce Go 7300-128 / CineFX 4.0 chip / PCI Express x16 / 128MB</p>												
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo Care™ button												
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)												
Dimensions ³	<p><i>6-cell (WxDxH): 14.2"x 10.5"x 1.2" to 1.5"; 360.1mm x 266.7mm x 31.4 to 38.6mm</i> <i>9-cell (WxDxH): 14.2"x 11.3"x 1.2" to 1.5"; 360.1mm x 286.6mm x 31.4 to 38.6mm</i></p>												
Weight ²	with optical drive and battery: 6.17 lb (2.80kg) to 6.57 lb (2.98kg)												
Case	Color: silver top; silver bottom; Material: ABS plastic												
Battery - type	Lithium Ion 6-cell / smart battery												
Battery - life ¹⁰	<i>6-cell</i> : up to 3.5 hr; <i>optional 9 cell</i> : up to 4.9 hr												
Architecture	<p>Some: Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Cont Hub Some: Mobile Intel 945PM Express Chipset / 82945PM Memory Controller Hub All: 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, [Bluetooth], [fingerprint]) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O)</p>												
PC Card Std slot	One Type I or Type II slot, CardBus 32-bit												
Ports	<p>4-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Secure Digital, xD-Picture Card™) / S-video out port (TV out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)</p>												
Video out	S-video out port (TV out) / one 7-pin industry standard connector												
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard												
Integrated camera	None												
Mini PCI Express	One Mini PCI Express slot / not customer upgradable												
Intel 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG												
Lenovo 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Lenovo 11a/b/g Mini PCI Express Adptr, Broadcom® chipset												
Bluetooth™	Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator												
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible												
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3												
Audio support	Intel High Definition (HD) Audio / ADI 1986A codec / stereo speakers / 1 watt / volume, up, down, mute button / mono microphone / microphone input jack (3.5 mm) / headphone jack (3.5 mm)												
Security	Power-on password / hard disk password / supervisor password / security keyhole												
Fingerprint reader	Some: Fingerprint reader on palm rest / swipe sensor / no preboot support												
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available												
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo N100 Series Li-Ion Battery 6-cell	40Y8315										
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	Lenovo N100 Series Li-Ion Battery 9-cell	40Y8317										
USB 2.0 Essential Memory Key 2GB	41U4944	ThinkPad 90W AC/DC Combo Adapter	40Y7630										
USB 2.0 Port Replicator with Video	40Y8132	Lenovo D221 Wide 22" Monitor (black)	6622HB1										
USB 2.0 Super Multi-Burner Drive	41N5565	Others at http://lenovo.com/accessories											

See footnotes for important warranty information * Powered by Intel Centrino® Duo mobile technology
 US models announced March 21, April 19, May 30, or June 13, 2006
 US models withdrawn effective December 2006 or October 2007

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Type-model	Processor	GHz	Memory	Widescreen display	Screen type	Graphics controller	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Camera	Finger- print reader	Chip- set	Pre- load	Avail date
0768-ACU	Celeron® M 420	1.60	512MB	15.4" WXGA	Glossy	GMA	40GB ⁸	Combo	Lenovo 11b/g ¹¹			GM Home		Oct 06
0768-ADU	Celeron M 420	1.60	512MB	15.4" WXGA	Glossy	GMA	80GB	Combo	Lenovo 11b/g	Blue		GM Pro		Oct 06
0768-EKU	Pentium® T2060	1.60	1GB	15.4" WXGA	Glossy	GMA	80GB	DVD±RW	Lenovo 11b/g	Blue		GM Pro		Jan 07
0768-EFU	Core Duo T2350	1.83	1GB	15.4" WXGA	Glossy	GMA	120G	DVD±RW	*Intel 11a/b/g	Blue		GM Pro		Jan 07
0768-AFU	Core 2 Duo T5500	1.66	1GB	15.4" WXGA	Glossy	GMA	80GB	DVD±RW	*Intel 11a/b/g ¹¹	Blue		GM Pro		Sep 06
0768-DCU	Core 2 Duo T5500	1.66	1GB	15.4" WXGA	Glossy	GMA	80GB	DVD±RW	*Intel 11a/b/g	Cam Blue	Fing	GM Home		Sep 06
0768-A2U	Core 2 Duo T7200	2.00	1GB	15.4" WSXGA+	Glossy	128MB 120G	DVD±RW	Lenovo 11n ²⁸	Cam Blue	Fing	PM Home		Nov 06	
0768-AJU	Core 2 Duo T7200	2.00	2GB	15.4" WSXGA+	Glossy	128MB 120G	DVD±RW	Lenovo 11n	Cam Blue	Fing	PM Pro		Nov 06	
These Lenovo 3000 N100 models use a 15.4" widescreen display														
Positioning Processor	<p><i>Widescreen flexibility; two spindles</i> Intel® Celeron M Processor 420 with single-core, Execute Disable Bit, 533MHz system bus, and 1MB L2 cache or Intel Pentium Processor T2060 with dual-core, Enhanced Intel SpeedStep™ technology¹, Execute Disable Bit, 533MHz system bus, and 1MB shared L2 cache or Intel Core™ Duo processor T2350 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology¹, Execute Disable Bit, 533MHz system bus, and 2MB shared L2 cache or Intel Core 2 Duo processor T5500 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep™ technology¹, Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache</p>										SOFTWARE¹⁴			
Memory	<p>512MB, 1GB, or 2GB std / 2GB max⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets / ACU/ADU/A2U: standard memory in 1 socket; 1 socket available; AFU/DCU/AJU/EFU/EKU: standard memory in both sockets; no sockets available</p>										<p>Windows XP Professional models - Microsoft® Windows® XP Professional²⁰ (Service Pack 2) ⇨ Disk-to-Disk Recovery (in hidden protected area) Windows XP Home models - Microsoft Windows XP Home Edition²⁰ (Service Pack 2) ⇨ Disk-to-Disk Recovery (in hidden protected area) Preloaded (all) • Lenovo CareSM Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security 2005 AntiSpyware Edition (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Adobe® Reader • Google Toolbar • Google Desktop • Picasa from Google • Diskeeper® Lite • Corel® Small Business Center™ with WordPerfect® Office 12 • AOL and EarthLink (XP Home models only) • Roxio Digital Media LE (combo, DVD±RW) • InterVideo WinDVD (combo, DVD±RW) • InterVideo WinDVD Creator (DVD±RW)</p>			
Diskette drive	None standard / use optional USB-based diskette drive										<p>License - CD not included (all) - Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client (Notes client not supported on XP Home)</p>			
EIDE Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm													
EIDE DVD±RW	Some: DVD and CD burner / dual-layer support / fixed, not removable / 12.7mm high													
SATA disk	40, 80, or 120GB⁸ (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable													
Widescreen display	<p>Some: 15.4" (391.1mm) WXGA (1280x800) TFT color / glossy / VibrantView / 185 nits Some: 15.4" (391.1mm) WSXGA+ (1680x1050) TFT color / glossy / VibrantView / 185 nits</p>										<p>65-watt AC adapter (GMA 950 graphics models) or 90-watt AC adapter (NVIDIA graphics models) Wireless on/off switch RoHS-compliant International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free warranty support during the warranty¹²</p>			
Graphics	<p>Some: Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz Some: NVIDIA® GeForce® Go 7300-128 / CineFX 4.0 chip / PCI Express x16 / 128MB</p>													
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo Care SM button													
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)													
Dimensions ³	<p>6-cell (WxDxH): 14.2"x 10.5"x 1.2" to 1.5"; 360.1mm x 266.7mm x 31.4 to 38.6mm; 9-cell (WxDxH): 14.2"x 11.3"x 1.2" to 1.5"; 360.1mm x 286.6mm x 31.4 to 38.6mm with optical drive and battery: 6.18 lb to 6.34 lb (2.80 to 2.88 kg) Color: silver top; silver bottom; Material: ABS plastic</p>													
Weight ²	Lithium Ion 6-cell / smart battery													
Case	6-cell Celeron models: 2.2 hr; 6-cell Core 2 Duo: up to 3.5 hr; opt 9-cell: up to 4.9 hr													
Battery - type	Architecture													
Battery - life ¹⁰	<p>Some: Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Cont Hub Some: Mobile Intel 945PM Express Chipset / 82945PM Memory Controller Hub All: 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, [Bluetooth], [fingerprint]) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O) One Type I or Type II slot, CardBus 32-bit</p>													
PC Card Std slot	<p>4-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Secure Digital, xD-Picture Card™) / S-video out port (TV out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)</p>													
Ports	<p>S-video out port (TV out) / one 7-pin industry standard connector IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard</p>													
Video out	<p>Some: camera on top of screen / 1.3-megapixel / fixed focus / internal USB 2.0 One Mini PCI Express slot / not customer upgradable</p>													
IEEE 1394	<p>Some: 11b/g wireless⁴, Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset Some: 11a/b/g wireless⁴, Mini PCI Express adapter, Intel PRO/Wireless 3945ABG Some: 11a/b/g/n wireless⁴, Lenovo 11a/b/g/n Mini PCI Express Adapter, Broadcom® BCM4321 chipset, MIMO 2x2</p>													
Integrated camera	<p>Some: Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator 56K⁶ V.90 (V.92-designed¹⁵) modem / Agere® chipset / not customer accessible</p>													
Mini PCI Express	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3													
Lenovo 11b/g ¹¹	Intel High Definition (HD) Audio / ADI 1986A codec / stereo speakers / 1 watt / volume, up, down, mute button / mono microphone / microphone input jack (3.5 mm) / headphone jack (3.5 mm)													
Intel 11a/b/g ¹¹	Security													
Lenovo 11n ²⁸	<p>Power-on password / hard disk password / supervisor password / security keyhole Some: Fingerprint reader on palm rest / swipe sensor / no preboot support</p>													
Bluetooth™	<p>Limited warranty¹² 1-year - EasyServ™¹⁹ onsite¹³ pickup and delivery / service upgrades²² available</p>													
Modem	<p>512MB PC2-5300 DDR2 CL5 SODIMM 40Y7733 1GB PC2-5300 DDR2 CL5 SODIMM 40Y7734 USB 2.0 Essential Memory Key 2GB 41U4944 USB 2.0 CD-RW/DVD-ROM Combo II Drv 40Y8637 USB 2.0 Super Multi-Burner Drive 41N5565 120GB Disk 9.5mm SATA150 (5400 rpm) 41N5693</p>													
Ethernet	<p>Lenovo N100 Series Li-Ion Battery 6-cell 40Y8315 Lenovo N100 Series Li-Ion Battery 9-cell 40Y8317 ThinkPad and Lenovo 65W AC Adapter 40Y7696 ThinkPad 90W AC/DC Combo Adapter 40Y7630 ThinkVision L201p 20.1" Monitor (black) 9220HB1 Others at http://lenovo.com/accessories</p>													
Audio support	<p>Lenovo Care 2-year P&L PU Depot 41K0548 Lenovo Care 2-year LOR 9x5 NBD 41K0547 Lenovo Care 3-year LOR 9x5 NBD 41K0549 Lenovo Care 3-year P&L PU Depot 41K0546</p>													
Security														
Fingerprint reader														

See footnotes for important warranty information
 US models announced Sept 19, Oct 17, or Oct 31, 2006 or January 30, 2007
 US models withdrawn effective September 2007

* Powered by Intel Centrino® Duo mobile technology

Type-model	Processor	GHz	Memory	Widescreen display	Graphics controller	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Camera	Blue-tooth	Finger-print reader	Chip-set	Preload	Avail date
0768-E2U	Core 2 Duo T7200	2.00	1GB	15.4" WSXGA+	128MB	120G ⁸	DVD±RW	Lenovo 11n ²⁸	Cam	Blue	Fing	PM	Home Premium	Jan 07
0768-E5U	Core Duo T2350	1.86	1GB	15.4" WXGA	GMA	120G	DVD±RW	*Intel 11a/b/g ¹¹	Cam	Blue	Fing	GM	Home Premium	Jan 07
0768-E6U	Core Duo T2350	1.86	1GB	15.4" WXGA	GMA	120G	DVD±RW	*Intel 11a/b/g		Blue		GM	Business32	Jan 07
0768-E7U	Core 2 Duo T7200	2.00	2GB	15.4" WSXGA+	128MB	120G	DVD±RW	Lenovo 11n	Cam	Blue	Fing	PM	Business32	Jan 07
0768-EHU	Celeron® M 430	1.73	512M	15.4" WXGA	GMA	80GB	DVD±RW	Lenovo 11b/g ¹¹				GM	Home Basic	Jan 07
0768-EJU	Pentium® T2060	1.60	1GB	15.4" WXGA	GMA	80GB	DVD±RW	Lenovo 11b/g		Blue		GM	Home Premium	Jan 07
0768-ELU	Pentium T2060	1.60	1GB	15.4" WXGA	GMA	80GB	DVD±RW	Lenovo 11b/g		Blue		GM	Business32	Jan 07
0768-05U	Pentium T2080	1.70	1GB	15.4" WXGA	GMA	120G	DVD±RW	*Intel 11a/b/g		Blue		GM	Business32	May07
0768-EMU	Core Duo T2450	2.00	1GB	15.4" WXGA	GMA	120G	DVD±RW	*Intel 11a/b/g		Blue	Fing	GM	Home Premium	Jun 07
0768-09U	Pentium T2080	1.70	1GB	15.4" WXGA	GMA	120G	DVD±RW	*Intel 11a/b/g		Blue		GM	XP Pro	Jun 07

• These Lenovo 3000 N100 models use a 15.4" widescreen display

Positioning Processor	<p><i>Widescreen flexibility; two spindles</i></p> <p>Intel® Celeron M Processor 430 with single-core, Execute Disable Bit, 533MHz system bus, and 1MB L2 cache or</p> <p>Intel Pentium Processor T2060 or T2080 with dual-core, Enhanced Intel SpeedStep™ technology¹, Execute Disable Bit, 533MHz system bus, and 1MB shared L2 cache or</p> <p>Intel Core™ Duo processor T2350 or T2450 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology¹, Execute Disable Bit, 533MHz system bus, and 2MB shared L2 cache or</p> <p>Intel Core 2 Duo processor T7200 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology¹, Execute Disable Bit, 667MHz system bus, and 4MB shared L2 cache [Virtualization Technology not supported]</p>	<p>Preloaded operating system²⁰</p> <ul style="list-style-type: none"> - <i>Some:</i> Microsoft® Windows® Vista™ Home Basic Edition (32-bit) - <i>Some:</i> Microsoft Windows Vista Home Premium Edition (32-bit) - <i>Some:</i> Microsoft Windows Vista Business Edition (32-bit) - <i>Some:</i> Microsoft Windows XP Professional <p>↔ <i>EHU/EMU:</i> Vista Basic logo</p> <p>↔ <i>Other Vista models:</i> Vista Premium logo</p>	
Memory	<p>512MB, 1GB, or 2GB std / 2GB max⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets /</p> <p><i>Italics:</i> standard memory in both sockets; no sockets available;</p> <p><i>Non-italics:</i> standard memory in 1 socket; 1 socket available</p>	<p>Preloaded applications¹⁴ (all)</p> <ul style="list-style-type: none"> • Lenovo CareSM Tools <ul style="list-style-type: none"> – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security (90 days of virus definitions) • PC-Doctor™ (diagnostics) • Adobe® Reader • Picasa from Google • Diskeeper® Lite (XP models) • Diskeeper Home (Vista models) • Corel™ Small Business Center™ with WordPerfect® Office 12 • QuickBooks Financial Center • Network Magic™ (Vista only) • Windows Live™ Toolbar (Vista only) • Windows Live Search (Vista only) • QuickBooks Financial Center • Microsoft Office 2007 Trial (Vista only) 	
Diskette drive	None standard / use optional USB-based diskette drive		
EIDE DVD±RW	DVD and CD burner / dual-layer support / fixed, not removable / 12.7mm high		
SATA disk	80 or 120GB⁸ (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable		
Widescreen display	<p><i>Some:</i> 15.4" (391.1mm) WXGA (1280x800) TFT color, glossy, VibrantView, 185 nits</p> <p><i>Some:</i> 15.4" (391.1mm) WSXGA+ (1680x1050) TFT color, glossy, VibrantView, 185 nits</p>		
Graphics	<p><i>Some:</i> Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz</p> <p><i>Some:</i> NVIDIA® GeForce® Go 7300-128 / CineFX 4.0 chip / PCI Express x16 / 128MB</p>		
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo CareSM button		
Touch pad	Two-button touch pad with scroll feature (no TrackPoint™)		
Dimensions ³	<p><i>6-cell (WxDxH):</i> 14.2"x 10.5"x 1.2" to 1.5"; 360.1mm x 266.7mm x 31.4 to 38.6mm;</p> <p><i>9-cell (WxDxH):</i> 14.2"x 11.3"x 1.2" to 1.5"; 360.1mm x 286.6mm x 31.4 to 38.6mm with optical drive and battery: 6.18 lb to 6.34 lb (2.80 to 2.88 kg)</p>		
Weight ²	Color: silver top; silver bottom; Material: ABS plastic		
Case	Lithium Ion 6-cell / smart battery		
Battery - type	<i>6-cell Celeron models:</i> 2.2 hr; <i>6-cell Core 2 Duo:</i> up to 3.5 hr; <i>opt 9-cell:</i> up to 4.9 hr		
Battery - life ¹⁰			
Architecture	<p><i>Some:</i> Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Cont Hub</p> <p><i>Some:</i> Mobile Intel 945PM Express Chipset / 82945PM Memory Controller Hub</p> <p><i>All:</i> 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, [Bluetooth], [fingerprint]) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O)</p>	<ul style="list-style-type: none"> • AOL and EarthLink (Vista Home Basic and Home Premium models only) 	
PC Card Std slot	One Type I or Type II slot, CardBus 32-bit		
Ports	<p>4-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Secure Digital, xD-Picture Card™) / S-video out port (TV out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)</p>	<p>License - CD not included (all)</p> <ul style="list-style-type: none"> - Lotus® Notes® Stand-alone Client 	
Video out	S-video out port (TV out) / one 7-pin industry standard connector		
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard		
Integrated camera	<i>Some:</i> camera on top of screen / 1.3-megapixel / fixed focus / internal USB 2.0		
Mini PCI Express	One Mini PCI Express slot / not customer upgradable		
Lenovo 11b/g ¹¹	<i>Some:</i> 11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset		
Intel 11a/b/g ¹¹	<i>Some:</i> 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG		
Lenovo 11n ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , Lenovo 11a/b/g/n Mini PCI Express Adapter, Broadcom® BCM4321 chipset, MIMO 2x2	<p>65-watt AC adapter (GMA 950 graphics models) or 90-watt AC adapter (NVIDIA graphics models)</p> <p>Wireless on/off switch</p> <p>RoHS-compliant</p> <p>International Warranty Service¹⁷</p> <p>24 hour x 7 day¹⁸ toll-free warranty support during the warranty¹²</p>	
Bluetooth™	<i>Some:</i> Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator		
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible		
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3		
Audio support	Intel High Definition (HD) Audio / ADI 1986A codec / stereo speakers / 1 watt / volume, up, down, mute button / mono microphone / microphone input jack (3.5 mm) / headphone jack (3.5 mm)		
Security	Power-on password / hard disk password / supervisor password / security keyhole		
Fingerprint reader	<i>Some:</i> Fingerprint reader on palm rest / swipe sensor / no preboot support	Lenovo CareSM 1-year LOR 9x5 NBD 41K0547	
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available	Lenovo Care 2-year LOR 9x5 NBD 41K0548	
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo N100 Series Li-Ion Battery 6-cell 40Y8315	Lenovo Care 2-year P&L PU Depot 41K0545
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	Lenovo N100 Series Li-Ion Battery 9-cell 40Y8317	Lenovo Care 3-year LOR 9x5 NBD 41K0549
USB Portable Diskette Drive	05K9276	ThinkPad® 90W AC/DC Combo Adapter 40Y7630	Lenovo Care 3-year P&L PU Depot 41K0546
USB 2.0 Lenovo Multimedia Headset	40Y8518	ThinkVision® L193p 19" LCD Monitor 4431HB2	
USB 2.0 Essential Memory Key 2GB	41U4944	ThinkVision L194 Wide 19" LCD Monitor 4434HB6	
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	Others at http://lenovo.com/accessories	

See footnotes for important warranty information * Powered by Intel Centrino® Duo mobile technology
 US models announced Jan 30, May 3, June 12, or June 19, 2007
 US models withdrawn effective October or December 2007

Type-model	Processor	GHz	Memory	Widescreen display	Screen type	SATA disk ⁸	EIDE optical	Mini PCIe 802.11 wireless	Camera	Blue-tooth	Finger-print reader	Vista preload	Limited warranty ¹²	Avail date
0687-27U	Core 2 Duo T7100	1.80	1GB	14.1" WXGA	Glossy	80GB	DVD±RW	*Intel 11a/b/g ¹¹		Blue	Finger	Home Prem	1-yr	Jun 07
0687-28U	Core 2 Duo T7100	1.80	1GB	14.1" WXGA	Glossy	160GB	DVD±RW	*Intel 11a/b/g	Cam	Blue	Finger	Business 32	1-yr	Jun 07
0687-2CU	Core 2 Duo T5250	1.50	1GB	14.1" WXGA	Glossy	80GB	DVD±RW	*Intel 11a/b/g		Blue	Finger	XP Pro	1-yr	July 07
0687-2DU	Core 2 Duo T2310	1.46	1GB	14.1" WXGA	Glossy	120GB	DVD±RW	Lenovo 11b/g ¹¹		Blue	Finger	XP Pro	1-yr	Oct 07

These Lenovo 3000 N200 models use a 14.1" widescreen display

Positioning Processor	<p><i>Widescreen flexibility; two spindles</i> Intel Pentium® Dual-Core Processor T2310 with dual-core, Intel 64 Technology, Execute Disable Bit, EIST, 533MHz system bus, and 1MB shared L2 cache or Intel Core™ 2 Duo processor T5250 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology¹, Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache or Intel Core 2 Duo processor T7100 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology¹, Intel Dynamic Acceleration, Execute Disable Bit, Virtualization Technology, 800MHz system bus, and 2MB shared L2 cache</p>										<p>Preloaded operating system²⁰ - Some: Microsoft® Windows® XP Professional - Some: Microsoft® Windows® Vista™ Home Premium Edition (32-bit) - Some: Microsoft Windows Vista Business Edition (32-bit) ◇ Vista models: Vista Premium logo</p> <p>Preloaded applications¹⁴ • Lenovo CareSM Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Network Magic™ • Adobe® Reader • Windows Live™ Toolbar • Windows Live Search • Picasa from Google • Diskeeper® Home • Corel® Small Business Center™ with WordPerfect® Office 12 • QuickBooks Financial Center • Microsoft Office 2007 Trial • AOL and EarthLink Trial (Vista Home Premium models only)</p> <p>License - CD not included (all) • Lotus® Notes® Stand-alone Client</p>			
Memory	<p>1GB std / 4GB max³¹ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available <i>Non-italics:</i> standard memory in one socket; one socket available</p>													
Diskette drive	None (use optional USB-based diskette drive)													
EIDE DVD±RW	DVD and CD burner, dual-layer support, fixed, not removable, 12.7mm high													
Serial ATA disk	80GB⁸, 120GB, or 160GB (5400 rpm) / SATA150, 9.5mm high, removable, upgradable													
Widescreen display	14.1" (358.1mm) WXGA (1280x800) TFT color, VibrantView (glossy), 16:10 aspect ratio, 250:1 contrast ratio, 185nits													
Camera	Some: camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0													
Graphics	Intel Graphics Media Accelerator X3100 , integrated in GM965													
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys, Lenovo Care SM button													
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)													
Dimensions ³	<p><i>6-cell models (WxDxH):</i> 13.2" x 9.7" x 1.18" to 1.42"; 335mm x 247mm x 30 to 36mm <i>9-cell models (WxDxH):</i> 13.2" x 10.5" x 1.18" to 1.42"; 335mm x 266mm x 30 to 36mm with optical drive and battery: <i>6-cell models:</i> 5.45 lb (2.47 kg); <i>9-cell:</i> 5.80 lb (2.63kg) <i>Color:</i> silver top; silver bottom; <i>Material:</i> ABS plastic</p>													
Weight ²														
Case	Lithium Ion 6-cell													
Battery - type	6-cell: up to 3.6 hr; <i>optional 9-cell:</i> up to 5.6 hr													
Battery - life ¹⁰														
Architecture	<p>Mobile Intel GM965 Express Chipset (Graphics Memory Controller Hub), ICH8M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, [Bluetooth], [fingerprint]) / PCI bus (Ricoh® R5C832 1394/Multicard)</p>													
ExpressCard slot	One ExpressCard/54, PCI Express x1 or USB 2.0													
Multicard Reader	5-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Memory Stick Pro, Secure Digital, xD-Picture Card™)													
Ports	Four USB 2.0, external DB-15 monitor, RJ-11 (modem), RJ-45 (ethernet), S-video out port (TV out; one 7-pin industry standard connector), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)													
Mini PCI Express	One Mini PCI Express slot, not customer upgradable													
Lenovo 11b/g ¹¹	Some: 11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset													
Intel 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG													
Bluetooth™	Bluetooth 2.0 wireless, USB 2.0 interface via ICH8M, LED indicator													
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / not customer accessible													
Ethernet	10/100 on systemboard / Broadcom® BCM5906M / PCI 2.3													
Audio support	Intel High Definition (HD) Audio, Conexant® CX20549 codec / stereo speakers, 1.5 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)													
Security	Power-on password, hard disk password, supervisor password, security keyhole													
Fingerprint reader	Fingerprint reader on palm rest / swipe sensor / no pre-boot support										65-watt AC adapter Wireless on/off switch RoHS-compliant ENERGY STAR® 4.0-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹²			
Limited warranty ¹²	1-year - EasyServ™.19 onsite ¹³ pickup and delivery / service upgrades ²² available													
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo N200 14W Li-Ion Battery 6-cell		41U5025										
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	Lenovo N200 14W Li-Ion Battery 9-cell		41U5026										
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	ThinkPad® and Lenovo 65W AC Adapter		40Y7696										
USB 2.0 Lenovo Multimedia Headset	40Y8518	ThinkPad 90W AC/DC Combo Adapter		40Y7630										
USB 2.0 Lenovo Webcam	40Y8519	ThinkVision® L190x 19" LCD Monitor		4439HB2										
USB 2.0 Essential Memory Key 2GB	41U4944	ThinkVision L193p 19" LCD Monitor		4431HB2										
USB 2.0 Super Multi-Burner Drive	41N5565	ThinkVision L194 Wide 19" LCD Monitor		4434HB6										
Lenovo USB Port Replicator with Video	40Y8132	ThinkVision L220x Wide 22" LCD Monitor		4433HB2										
Preferred Pro USB Keyboard	73P5220	Lenovo M500 Projector		0037A05										
Enh Perf Wireless Keyboard and Mouse	73P4067	Lenovo Carrying Case - Messenger Max		41U5253										
Lenovo Laser Mouse (USB, PS/2)	41U3074	Lenovo Carrying Case - Top Loader		40Y8601										
ExpressCard Gemplus Smart Card Reader	41N3043	Lenovo Case - Performance Backpack		41U5254										
Other accessories on O-N200 sheet	Others at http://lenovo.com/accessories													

See footnotes for important warranty information
 US models announced May 22, July 24, or October 2, 2007
 US models withdrawn effective December 2007

* Powered by Intel Centrino® Duo processor technology

Type-model	Processor	GHz	Memory	Widescreen display	Graphics controller	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Camera	Blue-tooth	Finger-print reader	Chip-set	Vista preload	Avail date
0769-A7U	Core 2 Duo T7100	1.80	1GB	15.4" WXGA	GMA	160G ⁸	DVD±RW	*Intel 11a/b/g ¹¹			Finger	GM	Business 32	May 07
0769-A8U	Core 2 Duo T7300	2.00	1GB	15.4" WSXGA+	256MB	160G	DVD±RW	*Intel 11n ²⁸	Cam	Blue	Finger	PM	Business 32	May 07
0769-A9U	Core 2 Duo T7500	2.20	2GB	15.4" WSXGA+	256MB	160G	DVD±RW	*Intel 11n	Cam	Blue	Finger	PM	Ultimate 32	May 07
0769-AFU	Celeron 540	1.86	1GB	15.4" WXGA	GMA	120G	DVD±RW	Lenovo 11b/g ¹¹			Finger	GM	Home Prem	Jul 07
0769-AGU	Core 2 Duo T5250	1.50	1GB	15.4" WXGA	GMA	120G	DVD±RW	*Intel 11a/b/g			Finger	GM	Business 32	Jul 07
0769-AJU	Core 2 Duo T5250	1.50	1GB	15.4" WXGA	GMA	160G	DVD±RW	*Intel 11a/b/g	Cam	Blue	Finger	GM	Ultimate 32	Jul 07
0769-AHU	Core 2 Duo T5250	1.50	1GB	15.4" WXGA	GMA	120G	DVD±RW	*Intel 11a/b/g			Finger	GM	XP Pro	Jul 07
0769-AKU	Core 2 Duo T7100	1.80	1GB	15.4" WXGA	GMA	160G	DVD±RW	*Intel 11a/b/g			Finger	GM	XP Pro	Jul 07
These Lenovo 3000 N200 models use a 15.4" widescreen display														
Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i> Intel® Celeron® Processor 540 with single-core, Execute Disable Bit, Intel 64 Technology, 533MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T5250 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology¹, Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache or Intel Core 2 Duo processor T7100, T7300, or T7500 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology¹, Intel Dynamic Acceleration, Execute Disable Bit, Virtualization Technology, and 800MHz system bus; <i>T7100: 2MB shared L2 cache; T7300/T7500: 4MB shared L2 cache</i></p>										<p>Preloaded operating system²⁰ - <i>Some:</i> Microsoft® Windows® XP Professional - <i>Some:</i> Microsoft Windows Vista™ Home Premium Ed (32-bit) - <i>Some:</i> Microsoft Windows Vista Business Edition (32-bit) - <i>Some:</i> Microsoft Windows Vista Ultimate Edition (32-bit) ↗ <i>AFU/AGU/AJU:</i> Vista Basic logo ↗ <i>A7U/A8U/A9U:</i> Vista Premium logo</p>			
Memory	<p>1GB or 2GB std / 4GB max³¹; PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available</p>										<p>Preloaded applications¹⁴ (all) • Lenovo CareSM Tools - Rescue and Recovery™ - System Update - Password Manager - Access Connections™ • Norton Internet Security (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Network Magic™ • Adobe® Reader • Windows Live™ Toolbar • Windows Live Search • Picasa from Google • Diskeeper® Home • Corel® Small Business Center™ with WordPerfect® Office 12 • QuickBooks Financial Center • Microsoft Office 2007 Trial • AOL and EarthLink Trial (Vista Home Premium and Vista Ultimate models only)</p>			
Diskette drive	None (use optional USB-based diskette drive)										<p>License - CD not included (all) - Lotus® Notes® Stand-alone Client</p>			
EIDE DVD±RW	DVD and CD burner, dual-layer support, fixed, not removable, 12.7mm high													
SATA disk	120GB⁸ or 160GB (5400 rpm) / SATA150, 9.5mm high, removable and upgradable										<p>65-watt AC adapter (GMA X3100 graphics models) or 90-watt AC adapter (NVIDIA graphics models) Wireless on/off switch RoHS-compliant Core 2 Duo only: ENERGY STAR® 4.0-compliant International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free warranty support during the warranty¹²</p>			
Widescreen display	<p><i>Some:</i> 15.4" (391.1mm) WXGA (1280x800) TFT color, VibrantView (glossy), 16:10 aspect ratio, 400:1 contrast ratio, 185 nits; <i>Some:</i> 15.4" (391.1mm) WSXGA+ (1680x1050) TFT color, VibrantView (glossy), 16:10 aspect ratio, 400:1 contrast ratio, 185 nits</p>													
Camera	<i>Some:</i> camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0													
Graphics	<p><i>Some:</i> Intel Graphics Media Accelerator X3100, integrated in GM965 <i>Some:</i> NVIDIA® GeForce® Go 7300, PCI Express x16, 256MB</p>													
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys, Lenovo Care SM button													
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)													
Dimensions ³	<p><i>6-cell (WxDxH):</i> 14.2"x 10.5"x 1.2" to 1.5"; 360.1mm x 266.7mm x 31.4 to 38.6mm; <i>9-cell (WxDxH):</i> 14.2"x 11.3"x 1.2" to 1.5"; 360.1mm x 286.6mm x 31.4 to 38.6mm with optical drive and battery: <i>6-cell:</i> 6.02 lb to 6.34 lb (2.73 to 2.88 kg)</p>													
Weight ²	<i>6-cell:</i> up to 3.5 hr; <i>optional 9-cell:</i> up to 4.9 hr													
Case	<i>Color:</i> silver top; silver bottom; <i>Material:</i> ABS plastic													
Battery - type	Lithium Ion 6-cell , smart battery													
Battery - life ¹⁰	<i>6-cell:</i> up to 3.5 hr; <i>optional 9-cell:</i> up to 4.9 hr													
Architecture	<p><i>Some:</i> Mobile Intel GM965 Express Chipset (Graphics Memory Controller Hub); <i>Some:</i> Mobile Intel PM965 Express Chipset (Memory Controller Hub); <i>All:</i> ICH8M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, [Bluetooth], [fingerprint]) / PCI bus (Ricoh® R5C833 1394/Multicard) / LPC bus (ENE KB925 Super I/O)</p>													
ExpressCard slot	One ExpressCard/54, PCI Express x1 or USB 2.0													
Multicard Reader	5-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Memory Stick Pro, Secure Digital, xD-Picture Card™)													
Ports	Four USB 2.0, external DB-15 monitor, RJ-11 (modem), RJ-45 (ethernet), S-video out port (TV out); one 7-pin industry standard connector, IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)													
Mini PCI Express	One Mini PCI Express slot, not customer upgradable										<p>Lenovo CareSM 1-year LOR 9x5 NBD 41K0547</p>			
Lenovo 11b/g ¹¹	<i>Some:</i> 11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset													
Intel 11a/b/g ¹¹	<i>Some:</i> 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG													
Intel 11n ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel Wireless WiFi Link 4965AGN, MIMO 2x3 (Kedron)													
Bluetooth™	<i>Some:</i> Bluetooth 2.0 wireless, USB 2.0 interface via ICH8M, LED indicator										<p>Lenovo Care 2-year LOR 9x5 NBD 41K0548</p>			
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem, not customer accessible													
Ethernet	10/100 on systemboard, Broadcom® BCM5906M, PCI 2.3													
Audio support	Intel High Definition (HD) Audio, RealTek® ALC861VD codec / stereo speakers, 1.5 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)													
Security	Power-on password, hard disk password, supervisor password, security keyhole										<p>Lenovo Care 3-year LOR 9x5 NBD 41K0549</p>			
Fingerprint reader	Fingerprint reader on palm rest , swipe sensor, no preboot support													
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available													
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo C200/N200 15W Battery 6-cell	40Y8322											
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	Lenovo N200 15W Li-Ion Battery 9-cell	41U5027											
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	ThinkPad® and Lenovo 65W AC Adapter	40Y7696											
USB 2.0 Essential Memory Key 2GB	41U4944	Lenovo 90W Slim AC/DC Combo Adapter	41N8460											
USB 2.0 Super Multi-Burner Drive	41N5565	ThinkVision® L193p 19" LCD Monitor	4431HB2											
Lenovo USB Port Replicator with Video	40Y8132	ThinkVision L220x Wide 22" LCD Monitor	4433HB2											
Lenovo Laser Mouse (USB, PS/2)	41U3074	Lenovo Carrying Case - Messenger Max	41U5253											
ExpressCard Gemplus Smart Card Reader	41N3043	Lenovo Case - Performance Backpack	41U5254											
Other accessories on O-N200 sheet	Others at http://lenovo.com/accessories													

See footnotes for important warranty information
 US models announced May 9, July 3, or July 24, 2007
 US models withdrawn effective December 2007

* Intel Centrino® processor technology

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Graphics controller	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Bluetooth	Fingerprint reader	Chip-set	Preload	Avail date
0769-ALU	Celeron 530	1.73	512MB	15.4" WXGA		GMA	80GB ⁸	Combo	Lenovo 11b/g ¹¹			GM Home Basic	Oct 07	
0769-AMU	Celeron 530	1.73	512MB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM XP Pro	Oct 07	
0769-ANU	Pentium T2310	1.46	1GB	15.4" WXGA		GMA	120G	DVD±RW	Lenovo 11b/g		Finger	GM XP Pro	Oct 07	
0769-APU	Pentium T2310	1.46	1GB	15.4" WXGA	Cam	GMA	160G	DVD±RW	Lenovo 11b/g	Blue	Finger	GM XP Pro	Oct 07	
0769-ASU	Celeron 540	1.86	512MB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM Home Basic	Dec 07	
0769-ATU	Celeron 540	1.86	512MB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM XP Pro	Dec 07	
0769-AUU	Pentium T2330	1.60	1GB	15.4" WXGA		GMA	120G	DVD±RW	Lenovo 11b/g		Finger	GM XP Pro	Dec 07	
0769-AVU	Pentium T2330	1.60	1GB	15.4" WXGA	Cam	GMA	120G	DVD±RW	Lenovo 11b/g	Blue	Finger	GM Home Prem	Dec 07	
0769-F8U	Celeron 550	2.00	1GB	15.4" WXGA		GMA	80GB	Combo	Intel 11a/b/g ¹¹			GM Home Basic	Apr 08	
0769-F9U	Pentium T2390	1.86	1GB	15.4" WXGA	Cam	GMA	120G	DVD±RW	Intel 11a/b/g	Blue	Finger	GM Home Prem	Apr 08	
0769-FAU	Pentium T2390	1.86	1GB	15.4" WXGA		GMA	120G	DVD±RW	Intel 11a/b/g		Finger	GM Business 32	Apr 08	
0769-FBU	Celeron 550	2.00	1GB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM Business 32	May 08	
0769-FCU	Pentium T2390	1.86	1GB	15.4" WXGA		GMA	160G	DVD±RW	Intel 11n ²⁸		Finger	GM XP Pro	Jun 08	

These Lenovo N200 models use a 15.4" widescreen display

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i> Intel® Celeron® Processor 530, 540, or 550 with single-core, Execute Disable Bit, Intel 64 Technology, 533MHz system bus, and 1MB L2 cache or Intel Pentium® Processor T2310, T2330, or T2390 with dual-core, Intel 64 Technology, Execute Disable Bit, EIST, 533MHz system bus, and 1MB shared L2 cache</p>									<p>Preloaded operating system²⁰ - <i>Some:</i> Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business) - <i>Some:</i> Genuine Windows Vista Home Basic 32 - <i>Some:</i> Genuine Windows Vista Home Premium 32 - <i>Some:</i> Genuine Windows Vista Business 32 ◇ <i>Vista models:</i> Vista Basic logo</p>				
Memory	<p>512MB or 1GB std / 4GB max^{7/} PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available</p>									<p>- <i>Some:</i> Genuine Windows Vista Home Premium 32 - <i>Some:</i> Genuine Windows Vista Business 32</p>				
Diskette drive	None									<p>Preloaded applications¹⁴ (all OSes) • Lenovo CareSM Tools - Rescue and Recovery™ - System Update - Password Manager - Access Connections™ • Norton Internet Security™ (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Adobe® Reader • Picasa from Google • Diskeeper® Lite (XP models) • Diskeeper Home (Vista models) • Corel® Small Business Center™ with WordPerfect® Office 12 • QuickBooks Financial Center • Network Magic™ (Vista only) • Windows Live™ Toolbar • QuickBooks Financial Center (Vista only) • Microsoft® Office 2007 Trial (60-day) • EarthLink (Vista Home Basic models only)</p>				
EIDE Combo	<p><i>Some:</i> DVD-ROM/CD-RW / 24X/24X/24X/8X²¹ speed, fixed, not removable, 12.7mm</p>													
EIDE DVD±RW	<p><i>Some:</i> DVD burner, dual-layer support, fixed, not removable, 12.7mm high</p>													
SATA disk	<p>80GB⁸ (5400 rpm), 120GB (5400 rpm), or 160GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable and upgradable</p>													
Widescreen display	<p>15.4" (391.1mm) WXGA (1280x800) TFT color, VibrantView (glossy), CCFL backlight, 185 nits, 16:10 aspect ratio, 400:1 contrast ratio</p>													
Camera	<p><i>Some:</i> camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0</p>													
Graphics	<p>Intel Graphics Media Accelerator X3100, in GM965</p>													
Keyboard	<p>Full-size keyboard, 6-row, 84-key, multimedia Fn keys, Lenovo CareSM button</p>													
Touch pad	<p>Two-button touch pad with scroll feature (no TrackPoint®)</p>													
Dimensions ³	<p><i>6-cell (WxDxH):</i> 14.2"x 10.5"x 1.2" to 1.5"; 360.1mm x 266.7mm x 31.4 to 38.6mm; <i>9-cell (WxDxH):</i> 14.2"x 11.3"x 1.2" to 1.5"; 360.1mm x 286.6mm x 31.4 to 38.6mm with optical drive and battery: <i>6-cell:</i> 6.02 lb to 6.34 lb (2.73 to 2.88 kg)</p>													
Weight ²	<p>Silver top; silver bottom</p>													
Case color	<p>Silver top; silver bottom</p>													
Case material	<p>ABS plastic</p>													
Battery - type	<p>Lithium Ion 6-cell, smart battery</p>													
Battery - life ¹⁰	<p><i>6-cell:</i> up to 3.5 hr; <i>optional 9-cell:</i> up to 4.9 hr</p>													
Chipset	<p>Mobile Intel GM965 Express Chipset (Graphics Memory Controller Hub); ICH8M I/O Controller Hub (SATA 3.0Gb/s, ATA-100 EIDE, USB 2.0, PCI Express® 1.1, PCI 2.3), LPC bus (ENE KB925 Super I/O)</p>													
ExpressCard/54	<p>One slot (ExpressCard/34, ExpressCard/54)</p>													
Multicard Reader	<p>5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital, xD-Picture Card™)</p>													
Ports	<p>Four USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45), S-video out port (TV out; one 7-pin industry standard connector), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)</p>													
Mini PCI Express	<p>One Mini PCI Express slot, not customer upgradable</p>													
Lenovo 11b/g ¹¹	<p><i>Some:</i> 11b/g wireless⁴, Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset</p>													
Intel 11a/b/g ¹¹	<p><i>Some:</i> 11a/b/g wireless⁴, Mini PCI Express adapter, Intel PRO/Wireless 3945ABG</p>													
Intel 11n ²⁸	<p><i>Some:</i> 11a/b/g/n wireless⁴, Mini PCIe adapter, Intel Wireless WiFi Link 4965AGN, MIMO 2x3 (Kedron)</p>													
Bluetooth™	<p><i>Some:</i> Bluetooth 2.0 wireless, USB 2.0 interface via ICH8M, LED indicator</p>									<p>65-watt AC adapter (GMA X3100 graphics models) Wireless on/off switch RoHS-compliant International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free support during the warranty period¹² via 800-426-7378</p>				
Modem	<p>56K V.92⁶ modem, not customer accessible</p>													
Ethernet	<p>10/100 ethernet, Broadcom® BCM5906M, PCI 2.3</p>													
Audio support	<p>Intel High Definition (HD) Audio, RealTek® ALC861VD codec / stereo speakers, 1.5 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)</p>													
Security	<p>Power-on password, hard disk password, supervisor password, security keyhole</p>													
Fingerprint reader	<p><i>Some:</i> Fingerprint reader on palm rest, swipe sensor, no preboot support</p>													
Limited warranty ¹²	<p>1-year - EasyServ™¹⁹ depot repair service / service upgrades²² available</p>									<p>Lenovo CareSM 1-year LOR 9x5 NBD 41K0547</p>				
1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999			Lenovo C200/N200 15W Battery 6-cell			40Y8322			Lenovo Care 2-year LOR 9x5 NBD				
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000			Lenovo N200 15W Li-Ion Battery 9-cell			41U5027			41K0548				
USB 2.0 Essential Memory Key 32GB	45K1258			ThinkPad® and Lenovo 65W AC Adapter			40Y7696			Lenovo Care 2-year P&L PU Depot				
USB 2.0 Ultra Secure Memory Key 8GB	45J5918			90W Ultrasm AC/DC Combo Adapter			41R4493			41K0545				
Lenovo Laser Mouse (USB)	41U3074			Lenovo Carrying Case - Messenger Max			41U5253			Lenovo Care 3-year LOR 9x5 NBD				
ExpressCard Gemplus Smart Card Reader	41N3043			Lenovo Case - Performance Backpack			41U5254			41K0549				
Other accessories on O-N200 sheet										Lenovo Care 3-year P&L PU Depot 41K0546				

See footnotes for important warranty information

US models announced on October 2 or December 4, 2007 or April 8, May 6, or June 24, 2008

US models withdrawn effective December 2007 or July 2010

Partial list of accessories supported on:

- Lenovo N200 14W originally announced on May 22, 2007
- Lenovo N200 15W originally announced on May 9, 2007

Memory

1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	ann 03/25/08
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	ann 03/25/08

Storage and removable storage

USB 2.0 Essential Memory Key 4GB	45J7904	ann 06/24/08
USB 2.0 Essential Memory Key 8GB	45J7905	ann 07/15/08
USB 2.0 Essential Memory Key 32GB	45K1258	ann 10/28/08
USB 2.0 Ultra Secure Memory Key 1GB	45J5915	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 2GB	45J5916	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 4GB	45J5917	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	ann 08/26/08
USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09

Keyboard

USB Numeric Keypad	33L3225	ann 05/01/00
Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
Ultraslim Wireless Keyboard and Mouse ⁵²	57Y4700	ann 09/15/09

⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.

Mouse

Lenovo Optical Mouse (USB)	06P4069	ann 05/21/03
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405	ann 08/27/02
ThinkPad Travel Mouse (USB, Optical)	31P7410	ann 06/04/02
Lenovo Laser Mouse (USB)	41U3074	ann 01/23/07
Lenovo Wireless Laser Mouse - Black ⁵²	45K1696	ann 11/25/08
Lenovo Wireless Laser Mouse - Red/Black ⁵²	51J0198	ann 11/25/08
ThinkPad® Bluetooth Laser Mouse	41U5008	ann 01/22/08

Security

Kensington® MicroSaver® Cable Lock	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06

ExpressCard/54 slot:

ExpressCard Gemplus Smart Card Reader	41N3043	ann 06/27/06
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Power Accessories

N200 14W (0687) only:

Lenovo N200 14W Li-Ion Battery 6-cell	41U5025	ann 05/22/07
Lenovo N200 14W Li-Ion Battery 9-cell	41U5026	ann 05/22/07

N200 15W (0769) only:

Lenovo C200/N200 15W Li-Ion Battery 6-cell	40Y8322	ann 10/17/06
Lenovo N200 15W Li-Ion Battery 9-cell	41U5027	ann 05/09/07

All models:

ThinkPad and Lenovo 65W AC Adapter ⁴⁵	40Y7696	ann 09/20/05
⁴⁵ Only compatible with the 945GM and GM965 chipset models.		
ThinkPad and Lenovo 90W AC Adapter	40Y7659	ann 09/20/05
90W Ultraslim AC/DC Combo Adapter	41R4493	ann 09/22/09
Belkin Surge Protector	31P7659	
Belkin 1 outlet Notebook Surge	31P7658	

Carrying Cases

Lenovo Carrying Case - Messenger Max	41U5253	ann 05/01/07
Lenovo Carry Case - Performance Backpack	41U5254	ann 05/01/07
Lenovo Standard Case	45K1697	ann 11/25/08
Lenovo Standard Backpack	45K1698	ann 11/25/08

Monitors

ThinkVision® L1711p 17" Monitor	5047HB2	ann 10/20/09
ThinkVision L1900p 19" Monitor	4431HE1	ann 11/11/08
ThinkVision L1951p Wide 19" Monitor	2448HB6	ann 10/20/09
ThinkVision L2250p Wide 22" Monitor	2572HB6	ann 10/20/09
ThinkVision L2251p Wide 22" Monitor	2572HD6	ann 10/20/09
ThinkVision L2251x Wide 22" Monitor	2578HB6	ann 10/20/09
ThinkVision L2440p Wide 24" Monitor	4420HB2	ann 09/17/08

Monitor Accessories⁴⁶

ThinkVision USB Soundbar	40Y7616	ann 08/23/05
ThinkVision Soundbar	45K1263	ann 09/16/08
Kensington MicroSaver Cable Lock	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
Lenovo Easy Reach Monitor Stand	55Y9258	ann 09/22/09
Radial Arm	19K4464	ann 05/05/00

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

More information at www.lenovo.com/support/monitoraccessories
 Other accessories at www.lenovo.com/accessories
 Accessories Guide pdf at www.lenovo.com/accessoriesguide

Lenovo CareSM maintenance services

Warranty service upgrade:²²

1-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0547
2-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0548
2-year Parts and Labor (P&L) Pickup Depot	41K0545
3-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0549
3-year Parts and Labor (P&L) Pickup Depot	41K0546

Post-warranty maintenance services:⁵

1-year maintenance Parts and Labor Pickup Depot SBD	41K0550
1-year maintenance 9x5 Next Business Day response	41K0551
2-year maintenance Parts and Labor Pickup Depot SBD	41K0552
2-year maintenance 9x5 Next Business Day response	41K0553

[SBD=Second Business Day average response]

Lenovo Care maintenance services at www.lenovo.com/warranty

Lenovo™ 3000 V100 (0763) - withdrawn

Created by Lenovo Training Solutions
Personal Systems Reference (PSREF)

Type-model	Processor	Speed GHz	Memory	Widescreen display	Screen type	Graphics controller	SATA disk GB ⁸	EIDE optical	Mini PCIe 802.11 wireless	Camera	Finger-print reader	Bat-tery cells	Preload	Avail date
0763-C7U	Core™ Duo T2300E	1.66	512MB	12.1" WXGA	Glossy	GMA950	80GB	Combo	* Intel 11a/b/g ¹¹			3	XP Home	May 06
0763-23U	Core Duo T2300E	1.66	512MB	12.1" WXGA	Glossy	GMA950	80GB	Combo	* Intel 11a/b/g		Finger	3	XP Pro	May 06
0763-25U	Core Duo T2300E	1.66	512MB	12.1" WXGA	Glossy	GMA950	80GB	DVD±RW	* Intel 11a/b/g		Finger	3	XPHome	May 06
0763-27U	Core Duo T2300E	1.66	512MB	12.1" WXGA	Glossy	GMA950	100G	DVD±RW	* Intel 11a/b/g		Finger	6	XP Pro	May 06
0763-29U	Core Duo T2500	2.0	1GB	12.1" WXGA	Glossy	GMA950	100G	DVD±RW	* Intel 11a/b/g		Finger	6	XP Pro	May 06
0763-44U	Core Duo T2500	2.0	1GB	12.1" WXGA	Glossy	GMA950	100G	DVD±RW	* Intel 11a/b/g	Camera	Finger	6	XP Pro	May 06

- **These models use a 12.1" widescreen display**
- **Two-spindle (disk and optical) in an ultraportable**
- **Multimedia ready: press button to load InterVideo InstantON music and movie player without loading OS**

Positioning Processor	Sleek ultraportable offers worry-free computing and solid performance at a great value Intel® Core Duo processor T2300E or T2500 with dual-core, Enhanced Intel SpeedStep™ technology ¹ , Execute Disable Bit, and 667MHz system bus / 2MB L2 cache (shared)										SOFTWARE¹⁴			
Memory	512MB or 1GB std / 2GB max ⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets / std memory in one socket / one socket available										Windows XP Professional models - Microsoft® Windows® XP Professional ²⁰ (Service Pack 2) ↔ Disk-to-Disk Recovery (in hidden protected area)			
Diskette drive	None standard / use optional USB-based diskette drive										Windows XP Home models - Microsoft Windows XP Home Edition ²⁰ (Service Pack 2) ↔ Disk-to-Disk Recovery (in hidden protected area)			
EIDE Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm										Preloaded (all) • Lenovo Care SM Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security 2005 AntiSpyware Edition (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Adobe® Reader • Google Toolbar • Google Desktop • Picasa from Google • Diskkeeper™ Lite • Corel® Small Business Center™ with WordPerfect® Office 12 • AOL and EarthLink (XP Home models only) • InterVideo InstantON • Roxio Digital Media LE (combo, DVD±RW) • InterVideo WinDVD (combo, DVD±RW) • InterVideo WinDVD Creator (DVD±RW)			
EIDE DVD±RW	Some: DVD and CD burner / DL support / fixed, not removable / 12.7mm high													
SATA disk	80GB⁸ or 100GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable										License - CD not included (all) - Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client (Notes client not supported on XP Home)			
Widescreen display	12.1" (307.3mm) WXGA (1280x800) TFT color / glossy / VibrantView / 200 nits / no latch open-close mechanism													
Graphics	Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz										Universal 65-watt AC adapter Wireless on/off switch Windows Vista™ capable RoHS-compliant ENERGY STAR®-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹² Lenovo CareSM 1-year LOR 9x5 NBD 41K0547 Lenovo Care 2-year LOR 9x5 NBD 41K0548 Lenovo Care 2-year P&L PU Depot 41K0545 Lenovo Care 3-year LOR 9x5 NBD 41K0549 Lenovo Care 3-year P&L PU Depot 41K0546			
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / <i>Buttons across top:</i> on-off, Lenovo Care SM , instant on, mute, volume down, volume up													
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)													
Dimensions ³	<i>3-cell (WxDxH):</i> 12.01"x 8.94"x 1.25"; 305.1mm x 227.0mm x 31.7mm <i>6-cell (WxDxH):</i> 12.01"x 9.68"x 1.25"; 305.1mm x 246.0mm x 31.7mm with optical drive and battery: 4.0 (1.8 kg) to 4.32lb (1.96 kg) <i>Color:</i> silver top ; black bottom; <i>Material:</i> ABS plastic													
Weight ²	Lithium Ion 3-cell or 6-cell / 2600 mAh / smart battery													
Case	<i>3-cell:</i> up to 2.2 hr; <i>6 cell:</i> up to 4.4 hr													
Battery - type	Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, Bluetooth, [fingerprint]) / PCI bus for Ricoh® R5C832 1394													
Battery - life ¹⁰	One ExpressCard/54 / PCI Express x1 or USB 2.0 / integrated door													
Architecture	5-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Memory Stick Pro, Secure Digital, xD Picture Card) / IEEE 1394 (FireWire) / three USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)													
ExpressCard slot	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard													
Ports	Press button to load InterVideo InstantON music and movie player without loading OS Some: camera on top of screen / 1.3-megapixel / fixed focus / internal USB 2.0 One Mini PCI Express slot / not customer upgradeable 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator 56K ⁶ V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible 10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3													
IEEE 1394	Intel High Definition (HD) Audio / RealTek ALC883 codec / stereo speakers / 1 watt / volume, up, down, mute button / stereo microphone / microphone input jack (3.5 mm) / headphone jack (3.5 mm)													
InstantON	Power-on password / hard disk password / supervisor password / security keyhole													
Integrated camera	Some: Fingerprint reader on palm rest / swipe sensor / no preboot support													
Mini PCI Express	Power-on password / hard disk password / supervisor password / security keyhole													
Intel 11a/b/g ¹¹	Some: Fingerprint reader on palm rest / swipe sensor / no preboot support													
Bluetooth™	Power-on password / hard disk password / supervisor password / security keyhole													
Modem	Some: Fingerprint reader on palm rest / swipe sensor / no preboot support													
Ethernet	Power-on password / hard disk password / supervisor password / security keyhole													
Audio support	Some: Fingerprint reader on palm rest / swipe sensor / no preboot support													
Security	Power-on password / hard disk password / supervisor password / security keyhole													
Fingerprint reader	Some: Fingerprint reader on palm rest / swipe sensor / no preboot support													
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available													
256MB PC2-5300 DDR2 CL5 SODIMM	40Y7732	V100 Series Li-Ion Battery 3-cell	40Y8319											
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	V100 Series Li-Ion Battery 6-cell	40Y8321											
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	ThinkPad and Lenovo 65W AC Adapter	40Y7696											
80GB Disk 9.5mm SATA150 (5400 rpm)	41N5662	ThinkPad and Lenovo 90W AC Adapter	40Y7659											
USB Portable Diskette Drive	05K9276	ThinkPad 90W AC/DC Combo Adapter	40Y7630											
USB 2.0 Essential Memory Key 512MB	40Y8590	Lenovo Carrying Case - Messenger	40Y8598											
USB 2.0 Memory Key 1GB	40Y7421	Lenovo Carrying Case - Top Loader	40Y8601											
USB 2.0 Port Replicator with Video	40Y8132	Lenovo Carrying Case - Backpack	40Y8603											
USB 2.0 Portable 80GB Hard Disk	40Y8726	E74 17" FST CRT Monitor (16.0 vis) blk	332PHN											
USB 2.0 Super Multi-Burner Drive	40Y8638	Lenovo L171 17" Monitor (black)	9227AC1											
USB Keyboard with UltraNav	31P8950	Lenovo L191 19" Monitor (black)	6135AB1											
USB Travel Keyboard with UltraNav	31P9490	Lenovo L192 Wide 19" Monitor (black)	6920AB1											
Optical 3-Button Travel Wheel Mouse	31P7410	ThinkVision® L192p 19" Monitor (black)	9419HC2											
Kensington® MicroSaver® Security Cable	73P2582	ThinkVision L201p 20.1" Monitor (black)	9220HB1											
ExpressCard Gemplus Smart Card Reader	41N3043	Lenovo M500 Projector	0037A05											
SonyEricsson® GC83 EDGE PC Card	26K3393	Lenovo C500 Projector	0039A05											
Verizon Wireless V620 WWAN PC Card ²⁵	40Y9137	Other options at http://lenovo.com/options												

See footnotes for important warranty information
US models announced May 16 or 30, 2006
US models withdrawn effective December 2006

* Powered by Intel Centrino Duo® mobile technology

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Type-model	Processor	GHz	Memory	Widescreen display	Screen type	Graphics controller	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Camera	Finger-print reader	Bat-tery cells	Preload	Avail date
0763-3EU	Core 2 Duo T5500	1.66	512MB	12.1" WXGA	Glossy	GMA950	80GB ⁸	Combo	*Intel 11a/b/g ¹¹			3	Home	Oct 06
0763-3GU	Core 2 Duo T5500	1.66	1GB	12.1" WXGA	Glossy	GMA950	80GB	DVD±RW	*Intel 11a/b/g		Finger	3	Home	Oct 06
0763-3HU	Core 2 Duo T5500	1.66	512MB	12.1" WXGA	Glossy	GMA950	120GB	DVD±RW	*Intel 11a/b/g		Finger	6	XP Pro	Oct 06
0763-4AU	Core 2 Duo T7200	2.00	1GB	12.1" WXGA	Glossy	GMA950	120GB	DVD±RW	*Intel 11a/b/g		Finger	6	XP Pro	Oct 06
0763-4CU	Core 2 Duo T7200	2.00	2GB	12.1" WXGA	Glossy	GMA950	120GB	DVD±RW	Lenovo 11n ²⁸	Cam	Finger	6	XP Pro	Oct 06
<ul style="list-style-type: none"> • These models use a 12.1" widescreen display • Two-spindle (disk and optical) in an ultraportable • Multimedia ready: press button to load InterVideo InstantON music and movie player without loading OS 														
Positioning Processor	Widescreen ultraportable Intel® Core™ 2 Duo processor T5500 or T7200 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep® technology ¹ , Execute Disable Bit, and 667MHz system bus [Virtualization Technology not supported] / T5500: 2MB shared L2 cache; T7200: 4MB shared L2 cache										SOFTWARE¹⁴ Windows XP Professional models - Microsoft® Windows® XP Professional ²⁰ (Service Pack 2) ⇨ Disk-to-Disk Recovery (in hidden protected area) Windows XP Home models - Microsoft Windows XP Home Edition ²⁰ (Service Pack 2) ⇨ Disk-to-Disk Recovery (in hidden protected area) Preloaded (all OSes) • Lenovo Care SM Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security 2005 AntiSpyware Edition (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Adobe® Reader • Google Toolbar • Google Desktop • Picasa from Google • Diskeeper® Lite • Corel® Small Business Center™ with WordPerfect® Office 12 • EarthLink (XP Home models only) • InterVideo InstantON • Roxio Digital Media LE (combo, DVD±RW) • InterVideo WinDVD (combo, DVD±RW) • InterVideo WinDVD Creator (DVD±RW)			
Memory	512MB, 1GB, or 2GB std / 2GB max ⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets / 512MB models: standard memory in 1 socket; 1 socket available; 1GB/2GB models: standard memory in both sockets; no sockets available													
Diskette drive	None standard / use optional USB-based diskette drive													
EIDE Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm													
EIDE DVD±RW	Some: DVD and CD burner / DL support / fixed, not removable / 12.7mm high													
SATA disk	80GB⁸ or 120GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable													
Widescreen display	12.1" (307.3mm) WXGA (1280x800) TFT color / glossy / VibrantView / 200 nits / no latch open-close mechanism													
Graphics	Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz													
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Buttons across top: on-off, Lenovo Care SM , instant on, mute, volume down, volume up													
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)													
Dimensions ³	3-cell (WxDxH): 12.01"x 8.94"x 1.25"; 305.1mm x 227.0mm x 31.7mm 6-cell (WxDxH): 12.01"x 9.68"x 1.25"; 305.1mm x 246.0mm x 31.7mm with optical drive and battery: 4.0 lb (1.81kg) to 4.4 lb (1.99kg)													
Weight ²														
Case	Color: silver top; black bottom; Material: ABS plastic													
Battery - type	Lithium Ion 3-cell or 6-cell / 2600 mAh / smart battery													
Battery - life ¹⁰	3-cell: up to 2.1 hr; 6 cell: up to 4.2 hr													
Chipset	Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC bus, Bluetooth, [fingerprint]) / PCI bus for Ricoh® R5C832 1394													
ExpressCard slot	One ExpressCard/54 / PCI Express x1 or USB 2.0 / integrated door													
Ports	5-in-1 Multicard Reader (MultiMedia Card, Memory Stick®, Memory Stick Pro™, Secure Digital, xD-Picture Card™) / IEEE 1394 (FireWire) / three USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)													
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard													
InstantON	Press button to load InterVideo InstantON music and movie player without loading OS													
Integrated camera	Some: camera on top of screen / 1.3-megapixel / fixed focus / internal USB 2.0													
Mini PCI Express	One Mini PCI Express slot / not customer upgradable													
Intel 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG													
Lenovo 11n ²⁸	Some: 11a/b/g/n wireless ⁴ , ThinkPad 11a/b/g/n Mini PCI Express Adapter, Atheros AR5008 chipset, MIMO 2x2													
Bluetooth™	Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator													
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible													
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3													
Audio support	Intel High Definition (HD) Audio, RealTek ALC883 codec / stereo speakers, 1 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)													
Security	Power-on password / hard disk password / supervisor password / security keyhole													
Fingerprint reader	Some: Fingerprint reader on palm rest / swipe sensor / no preboot support													
Limited warranty ¹²	1-year - EasyServ™.19 onsite¹³ pickup and delivery / service upgrades²² available										Universal 65-watt AC adapter Wireless on/off switch RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378			
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	V100 Series Li-Ion Battery 3-cell			40Y8319									
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	V100 Series Li-Ion Battery 6-cell			40Y8321									
USB Portable Diskette Drive	05K9276	ThinkPad and Lenovo 65W AC Adapter			40Y7696									
USB 2.0 Lenovo Multimedia Headset	40Y8518	ThinkPad and Lenovo 90W AC Adapter			40Y7659									
USB 2.0 Essential Memory Key 2GB	41U4944	Lenovo 90W Slim AC/DC Combo Adpnr			41N8460									
USB 2.0 Security Memory Key 4GB	41U5120	Lenovo Carrying Case - Messenger Max			41U5253									
USB 2.0 Port Replicator with Video	40Y8132	Lenovo Carrying Case - Top Loader			40Y8601									
USB 2.0 Portable 120GB Hard Disk	41N8379	Lenovo Case - Performance Backpack			41U5254									
USB 2.0 Super Multi-Burner Drive	41N5565	ThinkVision® L151 15" LCD Monitor			9165AC6									
USB Travel Keyboard with UltraNav	31P9490	ThinkVision L171 17" LCD Monitor			9227AD1									
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5691	ThinkVision L171p 17" LCD Monitor			9417HC2									
160GB Disk 9.5mm SATA150 (5400 rpm)	41N5692	ThinkVision L190x 19" LCD Monitor			4439HB2									
Lenovo Laser Mouse (USB, PS/2)	41U3074	ThinkVision L193p 19" LCD Monitor			4431HB2									
Kensington® MicroSaver® Security Cable	73P2582	ThinkVision L194 Wide 19" LCD Monitor			4434HB6									
ExpressCard Gemplus Smart Card Reader	41N3043	Lenovo M500 Projector			0037A05									
Other accessories on O-3 sheet	Others at http://lenovo.com/accessories													

See footnotes for important warranty information
 US models announced October 17 or October 24, 2006
 US models withdrawn effective April 2008

* Intel Centrino® processor technology

Type-model	Processor	GHz	Memory	Widescreen display	Screen type	Graphics controller	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Camera cells	Battery	Vista preload	Vista logo	Avail date
0763-2LU	Core 2 Duo T5200	1.60	1GB	12.1" WXGA	Glossy	GMA950	120GB ⁸	DVD±RW	*Intel 11a/b/g ¹¹	Cam 3	Home Prem	Premium	Jan 07	
0763-2MU	Core 2 Duo T5200	1.60	1GB	12.1" WXGA	Glossy	GMA950	120GB	DVD±RW	*Intel 11a/b/g	Cam 6	Business	Premium	Jan 07	
0763-2VU	Core 2 Duo T7200	2.00	2GB	12.1" WXGA	Glossy	GMA950	120GB	DVD±RW	Lenovo 11n ²⁸	Cam 6	Business	Premium	Jan 07	

- **These models use a 12.1" widescreen display**
- **Two-spindle (disk and optical) in an ultraportable**
- **Multimedia ready: press button to load InterVideo InstantON music and movie player without loading OS**

Positioning	<i>Widescreen ultraportable; two spindles</i>										Preloaded operating system²⁰				
Processor	Intel® Core™ 2 Duo processor T5200 or T7200 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep® technology ¹ , Execute Disable Bit, and 667MHz system bus [Virtualization Technology not supported]; T5200: 2MB shared L2 cache; T7200: 4MB shared L2 cache										- Some: Microsoft® Windows® Vista™ Home Premium Edition (32-bit) - Some: Microsoft Windows Vista Business Edition (32-bit)				
Memory	512MB, 1GB, or 2GB std / 2GB max ⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets / standard memory in both sockets / no sockets available										Preloaded applications¹⁴ (all OSes)				
Diskette drive	None standard / use optional USB-based diskette drive										• Lenovo CareSM Tools				
EIDE DVD±RW	DVD and CD burner / DL support / fixed, not removable / 12.7mm high										- Rescue and Recovery™				
SATA disk	120GB⁸ (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable										- System Update				
Widescreen display	12.1" (307.3mm) WXGA (1280x800) TFT color / glossy / VibrantView / 200 nits / no latch open-close mechanism										- Password Manager				
Graphics	Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz										- Access Connections™				
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / <i>Buttons across top:</i> on-off, Lenovo Care SM , instant on, mute, volume down, volume up										• Norton Internet Security (90 days of virus definitions)				
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)										• Softex OmniPass (on fingerprint models)				
Dimensions ³	3-cell (WxDxH): 12.01"x 8.94"x 1.25"; 305.1mm x 227.0mm x 31.7mm										• PC-Doctor™ (diagnostics)				
Weight ²	with optical drive and battery: 4.0 lb (1.81kg) to 4.4 lb (1.99kg)										• Adobe® Reader				
Case	<i>Color:</i> silver top ; black bottom; <i>Material:</i> ABS plastic										• Picasa from Google				
Battery - type	Lithium Ion 3-cell or 6-cell / 2600 mAh / smart battery										• Diskeeper® Home				
Battery - life ¹⁰	3-cell: up to 2.1 hr; 6 cell: up to 4.2 hr										• Core!® Small Business Center™ with WordPerfect® Office 12				
Chipset	Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC bus, Bluetooth, [fingerprint]) / PCI bus for Ricoh® R5C832 1394										• EarthLink (Vista Home Premium only)				
ExpressCard slot	One ExpressCard/54 / PCI Express x1 or USB 2.0 / integrated door										• InterVideo InstantON				
Ports	5-in-1 Multicard Reader (MultiMedia Card, Memory Stick®, Memory Stick Pro™, Secure Digital, xD-Picture Card™) / IEEE 1394 (FireWire) / three USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)														
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard														
InstantON	Press button to load InterVideo InstantON music and movie player without loading OS														
Integrated camera	Camera on top of screen / 1.3-megapixel / fixed focus / internal USB 2.0														
Mini PCI Express	One Mini PCI Express slot / not customer upgradable														
Intel 11a/b/g ¹¹	<i>Some:</i> 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG														
Lenovo 11n ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , ThinkPad 11a/b/g/n Mini PCI Express Adapter, Atheros AR5008 chipset, MIMO 2x2														
Bluetooth™	Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator														
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible														
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3														
Audio support	Intel High Definition (HD) Audio, RealTek ALC883 codec / stereo speakers, 1 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)														
Security	Power-on password / hard disk password / supervisor password / security keyhole														
Fingerprint reader	Fingerprint reader on palm rest / swipe sensor / no preboot support														
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available										Universal 65-watt AC adapter Wireless on/off switch RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378				
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	V100 Series Li-Ion Battery 3-cell	40Y8319												
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	V100 Series Li-Ion Battery 6-cell	40Y8321												
USB Portable Diskette Drive	05K9276	ThinkPad and Lenovo 65W AC Adapter	40Y7696												
USB 2.0 Lenovo Multimedia Headset	40Y8518	ThinkPad and Lenovo 90W AC Adapter	40Y7659												
USB 2.0 Lenovo Webcam	40Y8519	Lenovo 90W Slim AC/DC Combo Adapter	41N8460												
USB 2.0 Essential Memory Key 2GB	41U4944	Lenovo Carrying Case - Messenger Max	41U5253												
USB 2.0 Security Memory Key 4GB	41U5120	Lenovo Carrying Case - Top Loader	40Y8601												
USB 2.0 Port Replicator with Video	40Y8132	Lenovo Case - Performance Backpack	41U5254												
USB 2.0 Super Multi-Burner Drive	41N5565	ThinkVision® L171p 17" LCD Monitor	9417HC2												
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5691	ThinkVision L190x 19" LCD Monitor	4439HB2												
160GB Disk 9.5mm SATA150 (5400 rpm)	41N5692	ThinkVision L193p 19" LCD Monitor	4431HB2												
Optical 3-Button Travel Wheel Mouse	31P7410	ThinkVision L194 Wide 19" LCD Monitor	4434HB6												
Lenovo Laser Mouse (USB, PS/2)	41U3074	ThinkVision L220x Wide 22" LCD Monitor	4433HB2												
Kensington® MicroSaver® Security Cable	73P2582	Lenovo M500 Projector	0037A05												
ExpressCard Gemplus Smart Card Reader	41N3043	Others at http://lenovo.com/accessories													

See footnotes for important warranty information
US models announced January 30, 2007
US models withdrawn effective April 2008

* Intel Centrino® processor technology

Partial list of accessories supported on:

- Lenovo 3000 C100 announced on February 23, 2006
- Lenovo 3000 N100 announced on March 21, 2006
- Lenovo 3000 V100 announced on May 16, 2006

Memory

512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	ann 01/05/06
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	ann 01/05/06

Storage and removable storage

All models:

USB Portable Diskette Drive	05K9276	ann 06/05/00
USB 2.0 Essential Memory Key 1GB	41U4940	ann 01/23/07
USB 2.0 Essential Memory Key 2GB	41U4944	ann 01/23/07
USB 2.0 Security Memory Key 1GB	41U5118	ann 07/17/07
USB 2.0 Security Memory Key 2GB	41U5119	ann 07/17/07
USB 2.0 Security Memory Key 4GB	41U5120	ann 07/17/07
USB 2.0 CD-RW/DVD-ROM Combo II Drive	40Y8637	ann 01/05/06
USB 2.0 Portable 80GB Hard Disk	41N8378	ann 04/17/07
USB 2.0 Portable 120GB Hard Disk	41N8379	ann 04/17/07
USB 2.0 Super Multi-Burner Drive	41N5565	ann 01/23/07

N100 only (unique disks because different brackets):

120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	ann 03/20/07
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V100 only:

80GB Disk 9.5mm SATA150 (5400 rpm)	41N5662	ann 08/15/06
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5691	ann 03/20/07
160GB Disk 9.5mm SATA150 (5400 rpm)	41N5692	ann 03/20/07

Expansion

Lenovo USB Port Replicator with Video	40Y8132	ann 02/23/06
ThinkPad Adjustable Notebook Stand	40Y7676	ann 09/20/05

External Keyboard

USB Numeric Keypad	33L3225	ann 05/01/00
Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
Enhanced Perf Wireless Keyboard and Mouse	73P4067	ann 12/07/04
USB Keyboard with UltraNav	31P8950	ann 01/28/03
USB Travel Keyboard with UltraNav	31P9490	ann 04/27/04

External Mouse

USB Optical Wheel Mouse	06P4069	ann 05/21/03
Optical 3-Button ScrollPoint® Mouse	31P7405	ann 08/27/02
Optical 3-Button Travel Wheel Mouse	31P7410	
Lenovo Laser Mouse (USB, PS/2)	41U3074	ann 01/23/07
Lenovo Bluetooth Laser Mouse	41U5008	ann 01/22/08

Data/Video Projectors

Lenovo M500 Projector	0037A05	ann 02/28/06
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Security

Kensington® Cable Lock from Lenovo	73P2582	ann 12/29/03
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06
PC Card Gemplus Smart Card Reader	41N3004	ann 12/13/05

V100 only because of ExpressCard/54 slot:

ExpressCard Gemplus Smart Card Reader	41N3043	ann 06/27/06
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Multimedia

USB 2.0 Lenovo Multimedia Headset	40Y8518	ann 06/27/06
USB 2.0 Lenovo Webcam	40Y8519	ann 08/29/06

Power Accessories

C100 only:

Lenovo C100 Series Li-Ion Battery 8-cell	40Y8313	ann 02/23/06
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N100 only:

Lenovo N100 Series Li-Ion Battery 6-cell	40Y8315	ann 03/21/06
Lenovo N100 Series Li-Ion Battery 9-cell	40Y8317	ann 03/21/06

V100 only:

Lenovo V100 Series Li-Ion Battery 3-cell	40Y8319	ann 05/16/06
Lenovo V100 Series Li-Ion Battery 6-cell	40Y8321	ann 05/16/06

All models:

ThinkPad and Lenovo 65W AC Adapter	40Y7696	ann 09/20/05
ThinkPad and Lenovo 90W AC Adapter	40Y7659	ann 09/20/05
Lenovo 90W Slim AC/DC Combo Adapter	41N8460	ann 11/27/07
Belkin Surge Protector	31P7659	
Belkin 1 outlet Notebook Surge	31P7658	
Belkin Universal Notebook Travel Surge	22P7127	

Carrying Cases

Lenovo Carrying Case - Messenger	40Y8598	ann 02/23/06
Lenovo Carrying Case - Messenger Max	41U5253	ann 05/01/07
Lenovo Carrying Case - Top Loader	40Y8601	ann 02/23/06
Lenovo Carrying Case - Backpack	40Y8603	ann 02/23/06
Lenovo Carry Case - Performance Backpack	41U5254	ann 05/01/07

Monitors

Lenovo E75 17" CRT Monitor (16.0" vis) blk	6307BTN	ann 01/16/07
ThinkVision® L151 15" LCD Monitor	9165AC6	ann 10/23/07
ThinkVision L171 17" LCD Monitor	9227AD1	ann 10/23/07
ThinkVision L171p 17" LCD Monitor	9417HC2	ann 10/31/06
ThinkVision L190x 19" LCD Monitor	4439HB2	ann 10/23/07
ThinkVision L193p 19" LCD Monitor	4431HB2	ann 10/23/07
ThinkVision L194 Wide 19" LCD Monitor	4434HB6	ann 10/23/07
ThinkVision L220x Wide 22" LCD Monitor	4433HB2	ann 10/23/07

Monitor Accessories⁴⁶

ThinkVision USB Soundbar	40Y7616	ann 08/23/05
Kensington Cable Lock from Lenovo	73P2582	ann 12/29/03
ThinkPad Convertible Monitor Stand	40Y7620	ann 01/05/06
Radial Arm	19K4464	ann 05/05/00

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

Other accessories at <http://lenovo.com/accessories>

Accessories Guide pdf at <http://lenovo.com/accessoriesguide>

Need to buy accessories no longer marketed by Lenovo? See www.itxchange.com/lenovo for the Options Continuation Program.

Lenovo CareSM maintenance services

Warranty service upgrade:²²

1-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0547
2-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0548
2-year Parts and Labor (P&L) Pickup Depot	41K0545
3-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0549
3-year Parts and Labor (P&L) Pickup Depot	41K0546

Post-warranty maintenance services:⁵

1-year maintenance Parts and Labor Pickup Depot SBD	41K0550
1-year maintenance 9x5 Next Business Day response	41K0551
2-year maintenance Parts and Labor Pickup Depot SBD	41K0552
2-year maintenance 9x5 Next Business Day response	41K0553

[SBD=Second Business Day average response]

Lenovo Care maintenance services at <http://lenovo.com/warranty>

Lenovo® V200 12W (0764) - withdrawn

Type-model	Processor	GHz	Memory	Widescreen display	Screen type	Camera	Integrated graphics	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Finger-print reader	Battery cells	Preload	Avail date	
0764-2BU	Core 2 Duo T7100	1.80	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g ¹¹	Blue	Fing	3	Home Prem	May 07
0764-2CU	Core 2 Duo T7300	2.00	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g	Blue	Fing	6	Business 32	May 07
0764-2DU	Core 2 Duo T7300	2.00	2GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11n ²⁸	Blue	Fing	6	Ultimate 32	May 07
0764-2NU	Core 2 Duo T5250	1.50	2GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11n	Blue	Fing	6	Ultimate 32	July 07
0764-2PU	Core 2 Duo T5250	1.50	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g	Blue	Fing	6	XP Pro	Oct 07
0764-2WU	Core 2 Duo T5550	1.83	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g	Blue	Fing	3	XP Pro	Jan 08
0764-2XU	Core 2 Duo T5550	1.83	2GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11n	Blue	Fing	6	Business 32	Jan 08
0764-2YU	Core 2 Duo T5750	2.00	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g	Blue	Fing	3	Business 32	Mar 08
<ul style="list-style-type: none"> • These models use a 12.1" widescreen display • Two-spindle (disk and optical) in an ultraportable • Multimedia ready: press button to load InterVideo InstantON music and movie player without loading OS 															
Positioning Processor	Widescreen ultraportable; two spindles Intel® Core™ 2 Duo processor T5250, T5550, or T5750 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep® technology ¹ , Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache or Intel Core 2 Duo processor T7100 or T7300 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology ¹ , Intel Dynamic Acceleration, Execute Disable Bit, Virtualization Technology, and 800MHz system bus; <i>T7100</i> : 2MB L2 cache (shared); <i>T7300</i> : 4MB L2 cache (shared)										Preloaded operating system²⁰ - <i>Some</i> : Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business) - <i>Some</i> : Genuine Windows Vista Home Premium 32 - <i>Some</i> : Genuine Windows Vista Business 32 - <i>Some</i> : Genuine Windows Vista Ultimate 32 ↔ <i>2YU model</i> : Vista Basic logo ↔ <i>Other Vista models</i> : Vista Premium logo				
Memory	1GB or 2GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics</i> : standard memory in both sockets; no sockets available; <i>Non-italics</i> : standard memory in one socket; one socket available										Preloaded applications¹⁴ (all OSes) • Lenovo Care SM Tools – Rescue and Recovery TM – System Update – Password Manager – Access Connections TM • Lenovo Multimedia Center (Vista) • Norton Internet Security TM (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor TM (diagnostics) • Network Magic TM • Windows Live TM Toolbar • Adobe® Reader • Picasa from Google • Diskeeper® Home • Corel® Small Business Center TM with WordPerfect® Office 12 • QuickBooks Financial Center • Microsoft® Office 2007 Trial • EarthLink (Vista Home Basic and Home Premium models only) • InterVideo InstantON • Roxio Digital Media LE (DVD±RW for XP only) • Corel WinDVD® (DVD±RW for XP only) • Corel WinDVD Creator (DVD±RW for XP only)				
Diskette drive	None														
EIDE DVD±RW SATA disk	DVD burner, DL support, fixed, not removable, 12.7mm high 160GB⁸ (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable and upgradable														
Widescreen display	12.1" (307.3mm) WXGA (1280x800) TFT color, VibrantView (glossy), CCFL backlight, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio, no latch open-close mechanism														
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0														
Graphics	Intel Graphics Media Accelerator X3100 , in GM965														
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys; <i>Buttons across top</i> : on-off, Lenovo Care SM , instant on, mute, volume down, volume up														
Touch pad InstantON	Two-button touch pad with scroll feature (no TrackPoint®) Press button to load InterVideo InstantON music and movie player without loading OS														
Dimensions ³	<i>3-cell (WxDxH)</i> : 12.01"x 8.94"x 1.25"; 305.1mm x 227.0mm x 31.7mm <i>6-cell (WxDxH)</i> : 12.01"x 9.68"x 1.25"; 305.1mm x 246.0mm x 31.7mm with optical drive and battery: 4.0 lb (1.81kg) to 4.4 lb (1.99kg)														
Weight ²															
Case color	Silver top; black bottom														
Case material	ABS plastic														
Battery - type	Lithium Ion 3-cell or 6-cell, 2600 mAh, smart battery														
Battery - life ¹⁰	<i>3-cell</i> : up to 2.1 hr; <i>6 cell</i> : up to 4.2 hr														
Chipset	Mobile Intel GM965 Express Chipset (Graphics Memory Controller Hub); ICH8M I/O Controller Hub (SATA 3.0Gb/s, ATA-100 EIDE, USB 2.0, PCI Express® 1.1, PCI 2.3), LPC bus (ENE KB925 Super I/O)														
ExpressCard/54 Multicard reader	One slot (ExpressCard/34, ExpressCard/54) 5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO TM , Secure Digital, xD-Picture Card TM)														
Ports	Three USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)														
Mini PCI Express Intel 11a/b/g ¹¹ Intel 11n ²⁸	One Mini PCI Express slot, not customer upgradable <i>Some</i> : 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG <i>Some</i> : 11a/b/g/n wireless ⁴ , Mini PCI Express adapter, Intel Wireless WiFi Link 4965AGN, MIMO 2x3 (Kedron)														
Bluetooth TM	Bluetooth 2.0 wireless, USB 2.0 interface via ICH8M, LED indicator														
Modem	56K V.92 ⁶ modem														
Ethernet	10/100 ethernet, Broadcom® BCM5906M, PCI Express x1														
Audio support	Intel High Definition (HD) Audio, Conexant® CX20549 codec / stereo speakers, 1 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)														
Security	Power-on password, hard disk password, supervisor password, security keyhole														
Fingerprint reader	Fingerprint reader on palm rest , swipe sensor, no preboot support														
Limited warranty ¹²	1-year - EasyServ ^{TM,19} depot repair service / service upgrades ²² available														
1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	V100 Series Li-Ion Battery 3-cell	40Y8319	Lenovo Care 1-year LOR 9x5 NBD 41K0547											
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	V100 Series Li-Ion Battery 6-cell	40Y8321	Lenovo Care 2-year LOR 9x5 NBD											
USB 2.0 Essential Memory Key 8GB	45J7905	ThinkPad and Lenovo 65W AC Adapter	40Y7696	41K0548											
160GB Disk 9.5mm SATA 1.5Gb/s (5400 rpm)	41N5692	ThinkPad and Lenovo 90W AC Adapter	40Y7659	Lenovo Care 2-year P&L PU Depot											
Lenovo Laser Mouse (USB)	41U3074	90W Ultralim AC/DC Combo Adapter	41R4493	41K0545											
Kensington® MicroSaver® Cable Lock	73P2582	Lenovo Carrying Case - Messenger Max	41U5253	Lenovo Care 3-year LOR 9x5 NBD											
		Lenovo Case - Performance Backpack	41U5254	41K0549											
		Others at http://lenovo.com/accessories		Lenovo Care 3-year P&L PU Depot 41K0546											

See footnotes for important warranty information
 US models announced on May 22, July 17, or October 2, 2007, or January 8 or March 18, 2008
 US models withdrawn effective December 2007, May 2008, or July 2010

**Partial list of accessories supported on:
• Lenovo V200 announced on May 22, 2007**

Memory

1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	ann 03/25/08
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	ann 03/25/08

Storage and removable storage

USB 2.0 Essential Memory Key 4GB	45J7904	ann 06/24/08
USB 2.0 Essential Memory Key 8GB	45J7905	ann 07/15/08
USB 2.0 Essential Memory Key 32GB	45K1258	ann 10/28/08
USB 2.0 Ultra Secure Memory Key 1GB	45J5915	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 2GB	45J5916	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 4GB	45J5917	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	ann 08/26/08
USB 2.0 Portable Secure 160GB Hard Disk	43R2018	ann 11/18/08
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	ann 11/18/08
USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09
160GB Disk 9.5mm SATA 1.5Gb/s (5400 rpm)	41N5692	ann 03/20/07

Keyboard

USB Numeric Keypad	33L3225	ann 05/01/00
Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
Ultraslim Wireless Keyboard and Mouse ⁵²	57Y4700	ann 09/15/09

⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.

Mouse

Lenovo Optical Mouse (USB)	06P4069	ann 05/21/03
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405	ann 08/27/02
ThinkPad Travel Mouse (USB, Optical)	31P7410	ann 06/04/02
Lenovo Laser Mouse (USB)	41U3074	ann 01/23/07
Lenovo Wireless Laser Mouse - Black ⁵²	45K1696	ann 11/25/08
Lenovo Wireless Laser Mouse - Red/Black ⁵²	51J0198	ann 11/25/08
ThinkPad® Bluetooth Laser Mouse	41U5008	ann 01/22/08

Security

Kensington® MicroSaver® Cable Lock	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06
<i>ExpressCard/54 slot:</i>		
ExpressCard Gemplus Smart Card Reader	41N3043	ann 06/27/06

Power Accessories

Lenovo V100 Series Li-Ion Battery 3-cell	40Y8319	ann 05/16/06
Lenovo V100 Series Li-Ion Battery 6-cell	40Y8321	ann 05/16/06
ThinkPad and Lenovo 65W AC Adapter	40Y7696	ann 09/20/05
ThinkPad and Lenovo 90W AC Adapter	40Y7659	ann 09/20/05
90W Ultraslim AC/DC Combo Adapter	41R4493	ann 09/22/09
Belkin Surge Protector	31P7659	
Belkin 1 outlet Notebook Surge	31P7658	

Carrying Cases

Lenovo Carrying Case - Messenger Max	41U5253	ann 05/01/07
Lenovo Carry Case - Performance Backpack	41U5254	ann 05/01/07
Lenovo Standard Case	45K1697	ann 11/25/08
Lenovo Standard Backpack	45K1698	ann 11/25/08

Monitors

ThinkVision® L1711p 17" Monitor	5047HB2	ann 10/20/09
ThinkVision L1900p 19" Monitor	4431HE1	ann 11/11/08
ThinkVision L1951p Wide 19" Monitor	2448HB6	ann 10/20/09
ThinkVision L2250p Wide 22" Monitor	2572HB6	ann 10/20/09
ThinkVision L2251p Wide 22" Monitor	2572HD6	ann 10/20/09
ThinkVision L2251x Wide 22" Monitor	2578HB6	ann 10/20/09
ThinkVision L2440p Wide 24" Monitor	4420HB2	ann 09/17/08

Monitor Accessories⁴⁶

ThinkVision USB Soundbar	40Y7616	ann 08/23/05
ThinkVision Soundbar	45K1263	ann 09/16/08
Kensington MicroSaver Cable Lock	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
Lenovo Easy Reach Monitor Stand	55Y9258	ann 09/22/09
Radial Arm	19K4464	ann 05/05/00

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

More information at www.lenovo.com/support/monitoraccessories

Medialess License Key (MLK)

Microsoft® Office 2007 Basic, English	43R1528	ann 01/31/07
Microsoft Office 2007 Small Business, Engl	43R1534	ann 01/31/07
Microsoft Office 2007 Professional, English	43R1531	ann 01/31/07

Other accessories at www.lenovo.com/accessories

Accessories Guide pdf at www.lenovo.com/accessoriesguide

Lenovo CareSM maintenance services

Warranty service upgrade:²²

1-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0547
2-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0548
2-year Parts and Labor (P&L) Pickup Depot	41K0545
3-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0549
3-year Parts and Labor (P&L) Pickup Depot	41K0546

Post-warranty maintenance services:⁵

1-year maintenance Parts and Labor Pickup Depot SBD	41K0550
1-year maintenance 9x5 Next Business Day response	41K0551
2-year maintenance Parts and Labor Pickup Depot SBD	41K0552
2-year maintenance 9x5 Next Business Day response	41K0553

[SBD=Second Business Day average response]

Lenovo Care maintenance services at www.lenovo.com/warranty

lenovo



Lenovo N500



Lenovo N500



Lenovo N500



Lenovo N500

Lenovo® N500 15W (4233) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Wide-screen display	Screen type	Camera	Integrated graphics	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB Blue/ or Turbo	Battery cells Preload	Avail date
4233-52U	Cel 575	2.00	1GB	15.4" WXGA	Glossy	Cam	GMA	160G 5400	DVD±RW	Lenovo 11b/g ¹¹	None	None	No	6 Home B Nov 08
4233-53U	T3200	2.00	1GB	15.4" WXGA	Glossy	Cam	GMA	160G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 Bus 32 Nov 08
4233-54U	T3400	2.16	2GB	15.4" WXGA	Glossy	Cam	GMA	250G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 Bus 32 Nov 08
4233-62U	T3200	2.00	1GB	15.4" WXGA	Glossy	Cam	GMA	160G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 XP Pro Nov 08
4233-63U	T3400	2.16	2GB	15.4" WXGA	Glossy	Cam	GMA	250G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 XP Pro Nov 08
4233-6BU	T3400	2.16	1GB	15.4" WXGA	Glossy	Cam	GMA	160G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 XP Pro Jan 09

• **These Lenovo N500 models use a 15.4" widescreen display**

Processor	Intel® Celeron® Processor 575 with single-core, 667MHz system bus, and 1MB L2 cache or Intel Pentium® processor T3200 or T3400 with dual-core, 667MHz system bus, and 1MB L2 cache										Preloaded operating system²⁰ - Some: Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business Some: Genuine Windows Vista Home Basic 32 - Some: Genuine Windows Vista Business 32 ⇨ Vista Basic logo Preloaded applications¹⁴ • Lenovo Care™ Tools • Rescue and Recovery™ • Access Connections™ • System Update • Norton Internet Security™ (90 days of virus definitions) • PC-Doctor™ (diagnostics) • ThinkPad Utilities (Power Manager and Presentation Director) • Adobe® Reader • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Roxio® Creator® Small Business Edition • Corel WinDVD® (DVD±RW)
Memory	1GB or 2GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available										
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB⁸ (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable										
Widescreen display Camera	15.4" (391.2mm) WXGA (1280x800) color, VibrantView (glossy), CCFL backlight, 185 nits, 16:10 aspect ratio, 400:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus										
Integrated graphics	Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40, HDMI port supporting HDCP to output protected content <i>Max external resolution:</i> 2048x1536@75Hz (DB-15 port); 1920x1080 (HDMI port)										
Keyboard Touch controls Touch pad	Full-size keyboard, 6-row, Lenovo Care button, multimedia Fn keys, Windows/Appl keys Touch-sensitive audio control panel (Mute, vol up, vol down, enable/disable touchpad) Two-button touch pad with scroll feature (no TrackPoint®)										
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	6-cell 15.4W" (WxDxH): 14.1" x 10.1" x 1.22–1.46"; 358.5 x 256.5mm x 31–37mm 6-cell: starting at 5.95 lb (2.7kg) Silver top cover; black bottom Scratch-resistant ABS plastic Lithium Ion 6-cell 6-cell: up to 3.8 hr										
Chipset	Mobile Intel GL40 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, security chip, ethernet MAC)										
ExpressCard/54 Multicard reader PC Card Smart Card read Ports	One slot (ExpressCard/34, ExpressCard/54) 4-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital) None None Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45)										
Mini PCI Express Lenovo 11b/g ¹¹ WWAN upg 2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support	One Mini PCI Express slot 11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset None None None 56K V.92 ⁶ modem None 10/100 ethernet, Broadcom® BCM5906M None High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 2 watt / volume up, down, mute buttons / microphone, mic input jack, headphone jack										
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None None										
Limited warranty ¹²	1-year - EasyServ™.19 depot repair service / service upgrades ²² available										
1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	N500/G500 Series Li-Ion Battery 6-cell								51J0226	
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	N500/G500 Series 90W AC Adapter								41R4515	
USB 2.0 Essential Memory Key 8GB	45J7905	Lenovo 90W AC Adapter for Y Series								41R4322	
USB 2.0 Essential Memory Key 32GB	45K1258	Business Topload Case								43R2476	
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	Lenovo Essential Notebook Stand								45J9292	
USB 2.0 Lenovo Webcam	40Y8519	ThinkVision® L2240p Wide 22" Monitor								4422HB6	
USB Port Replicator with Digital Video	45K1610	ThinkVision L2440x Wide 24" Monitor								4421HB2	
Lenovo Wireless Laser Mouse - Black	45K1696	Other accessories at lenovo.com/accessories									
Post-warranty agreements at http://www.lenovo.com/thinkplus/warranty											

See footnotes for important warranty information
 US model announced November 11 or November 25, 2008 or January 6, 2009
 US models withdrawn effective October 2009

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Lenovo IdeaPad V460



Lenovo IdeaPad V460



Lenovo IdeaPad V460



Lenovo IdeaPad V460



Lenovo IdeaPad V460



Lenovo IdeaPad V460

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Camera	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Finger print reader	Blue-tooth	Win7 preload	Avail date
0886-27U	i3-330M	2.13	None	4GB	14.0" HD	LED	1.3M	Intel HD	320GB ⁸	DVD±RW	Intel 1000	Black	Fing	Blue	Prem 64	Mar 10
0886-2PU	i3-370M	2.40	None	4GB	14.0" HD	LED	1.3M	Intel HD	320GB	DVD±RW	Intel 1000	Black	Fing	Blue	Prem 64	Dec 10

- 14.0" widescreen, glossy display with LED backlight
- Integrated 1.3 megapixel camera
- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- Fingerprint reader for easy and secure login
- BioExcess provides a convenient way to quickly encrypt or decrypt files, switch accounts, and manage password
- USB Port Locker prevents unauthorized access by requiring fingerprint scan to unlock
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i3 processor i3-330M or i3-370M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64
Memory	4GB std / 8GB max ⁷ ; PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available;	Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • Windows Live Essential • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Lenovo Security Suite • USB Port Locker • BioExcess
Diskette drive	None	65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, Active Protection System™	
Widescreen display	14.0" (355.6mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy); LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator	
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector	
Keyboard	Full-size keyboard, 6-row, recovery key	
Touch controls	Touch-sensitive buttons for volume +/-, mute, and Lenovo Security Suite	
Light sensor	None	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions ³	(WxDxH): 13.4" x 9.2" x 0.8" to 1.3"; 340mm x 234.6mm x 20.2mm to 32.9mm	Limited Warranty¹² ↪ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options (in eligible locations):⁹ • 1-year Lenovo Onsite Repair¹³ 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair¹³ 78Y1536 • 3-year Lenovo Depot Repair 78Y1538 ↪ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Weight ²	with optical drive and battery: <i>6-cell</i> : 4.85 lb (2.2 kg)	
Case color	Black top, black bottom	
Case material	<i>Top and palm rest:</i> Aluminum <i>Bottom:</i> Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	Up to 4 hr	
Chipset	Mobile Intel HM55 Express Chipset	
ExpressCard/34	One slot (ExpressCard/34)	
Multicard reader	4-in-1 reader (MMC, Memory Stick PRO™, Secure Digital Card, SDHC Card)	
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	Two PCIe Mini Card slots	
Intel 1000	11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2	
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface	
Modem	None	
Ethernet	Gigabit ethernet, Atheros® AR8131, PCIe x1	
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security lockhole	
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor	

See footnotes for important warranty information
US models announced March 24 or December 1, 2010;
US models withdrawn effective December 2010 or December, 2012

IdeaPad™ V460 (0886) - Switchable (web only models) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen or display	CCFL or LED	Switchable graphics	SATA disk GB ³ rpm	SATA optical	PCIe Mini Card 802.11	Finger print reader	Win7 preload	Avail date
0886-26U	i5-430M	2.26	2.53	4GB	14.0" HD	LED Intel HD, GF 310M 512MB	320GB 5400 DVD±RW	Intel 1000	Black	Fing	Prem 64	Mar 10	
0886-2MU	i5-560M	2.66	3.20	4GB	14.0" HD	LED Intel HD, GF 310M 1GB	500GB 7200 DVD±RW	Intel 1000	Black	Fing	Prem 64	Dec 10	
0886-2NU	i5-460M	2.53	2.80	4GB	14.0" HD	LED Intel HD, GF 310M 512MB	500GB 5400 DVD±RW	Intel 1000	Black	Fing	Prem 64	Dec 10	

- 14.0" widescreen, glossy display with LED backlight
- Dynamic switching between discrete and integrated graphics (user selectable)
- Integrated 1.3 megapixel camera
- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- Fingerprint reader for easy and secure login
- BioExcess provides a convenient way to quickly encrypt or decrypt files, switch accounts, and manage password
- USB Port Locker prevents unauthorized access by requiring fingerprint scan to unlock
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i5 processor i5-430M, i5-460M, or i5-560M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • Windows Live Essential • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Lenovo Security Suite • USB Port Locker • BioExcess
Memory	4GB std / 8GB max ⁷ ; PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available	
Diskette drive	None	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	320GB (5400 rpm), 500GB (5400 rpm), or 500GB (7200 rpm) / SATA 3.0Gb/s, 9.5mm high, Active Protection System™	
Widescreen display	14.0" (355.6mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy); LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator	
Switchable graphics	Switches between discrete and integrated graphics via graphic switch Intel HD Graphics in processor, and NVIDIA® GeForce® 310M , PCI Express x16, 512MB or 1GB memory, DirectX 10.1, PureVideo® HD technology, CUDA™ technology, VGA, HDMI, HDCP-compliant	
Keyboard	Full-size keyboard, 6-row, recovery key	
Touch controls	Touch-sensitive buttons for volume +/-, mute, and Lenovo Security Suite	
Light sensor	None	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions ³	(WxDxH): 13.4" x 9.2" x 0.8" to 1.3"; 340mm x 234.6mm x 20.2mm to 32.9mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : 4.85 lb (2.2 kg)	
Case color	Black top, black bottom	
Case material	<i>Top and palm rest:</i> Aluminum <i>Bottom:</i> Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	Up to 4 hr	
Chipset	Mobile Intel HM55 Express Chipset	
ExpressCard/34	One slot (ExpressCard/34)	
Multicard reader	4-in-1 reader (MMC, Memory Stick PRO™, Secure Digital Card, SDHC Card)	
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	Two PCIe Mini Card slots	
Intel 1000	11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2	
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface	
Modem	None	
Ethernet	Gigabit ethernet, Atheros® AR8131, PCIe x1	
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security lockhole	
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor	
		Limited Warranty¹² ↪ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options (in eligible locations):⁹ <ul style="list-style-type: none"> • 1-year Lenovo Onsite Repair¹³ 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair¹³ 78Y1536 • 3-year Lenovo Depot Repair 78Y1538 ↪ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686

See footnotes for important warranty information
 US models announced March 24 or December 1, 2010;
 US models withdrawn effective December 2010 or December, 2012

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Lenovo V470



Lenovo V470



Lenovo V470



Lenovo V470



Lenovo V470



Lenovo V470

Lenovo® V470 (4396) - Integrated (Windows 7) - web only - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Camera	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Fingerprint reader	Blue-tooth	Battery	Win7 preload
4396-27U	i7-2630QM	2.00	2.90	4+2GB	14.0" HD	LED	2.0M	Intel HD	750GB ⁸	DVD±RW	Intel 1000	Black	Fingerprint	BT2.1	6-cell	Prem 64
4396-28U	i3-2310M	2.10		2GBx2	14.0" HD	LED	2.0M	Intel HD	500GB	DVD±RW	Intel 1000	Black	Fingerprint	BT2.1	6-cell	Prem 64
4396-2BU	i3-2330M	2.20		4GBx1	14.0" HD	LED	2.0M	Intel HD	500GB	DVD±RW	Intel 1000	Black	Fingerprint	BT2.1	6-cell	Prem 64
4396-2PU	i5-2430M	2.40	3.00	4+2GB	14.0" HD	LED	2.0M	Intel HD	750GB	DVD±RW	Intel 1000	Black	Fingerprint	BT2.1	6-cell	Prem 64
4396-2FU	i7-2670QM	2.20	3.10	4+2GB	14.0" HD	LED	2.0M	Intel HD	750GB	DVD±RW	Intel 1000	Black	Fingerprint	BT2.1	6-cell	Prem 64

- **14.0" widescreen, glossy display with LED backlight**
- **Integrated 2.0 megapixel camera**
- **Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows**
- **Fingerprint reader for easy and secure login**
- **BioExcess provides a convenient way to quickly encrypt or decrypt files, switch accounts, and manage password**
- **USB Port Locker prevents unauthorized access by requiring fingerprint scan to unlock**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i></p> <p>Intel® Core™ i3-2310M processor (dual-core, 2.10GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), HT technology</p> <p>Intel Core i3-2330M processor (dual-core, 2.20GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), HT technology</p> <p>Intel Core i5-2430M processor (dual-core, 2.40GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.00GHz), HT technology</p> <p>Intel Core i7-2630QM processor (quad-core, 2.00 GHz, 6MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology</p> <p>Intel Core i7-2670QM processor (quad-core, 2.20 GHz, 6MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology</p>	<p>Preloaded operating system²⁰</p> <ul style="list-style-type: none"> - Genuine Windows® 7 Home Premium 64 <p>Preloaded applications¹⁴ (only some listed)</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Windows Live Essential • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Lenovo Security Suite • USB Port Locker • BioExcess
Memory	8GB max ⁷ ; PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	<p>Dual-core models: 65-watt AC adapter</p> <p>Quad-core models: 90-watt AC adapter</p> <p>Wireless on/off switch</p> <p>EPEAT™ Silver rating</p> <p>ENERGY STAR® qualified</p> <p>RoHS-compliant</p>
SATA DVD±RW SATA disk	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high, Active Protection System™	
Widescreen display Camera	14.0" (355.6mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy); LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 2.0-megapixel, fixed focus, LED indicator	
Graphics	Intel HD Graphics 3000 in processor, uses system memory, external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key None None Two-button touch pad with scroll feature, multi-touch	
Dimensions ³ Weight ² Case color Case material	(WxDxH): 13.4" x 9.2" x 0.8" to 1.2"; 340mm x 234.6mm x 20.7mm to 31.3mm with optical drive and battery: <i>6-cell</i> : 4.85 lb (2.2 kg) Black top, black bottom <i>Top and palm rest:</i> Aluminum <i>Bottom:</i> Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type Battery - life ¹⁰	Lithium Ion 6-cell Up to 5 hr	
Chipset ExpressCard/34 Multicard reader	Mobile Intel HM65 Express Chipset None 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)	
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner PCIe Mini Card Intel 1000 Bluetooth™ Modem Ethernet Audio support	None Two PCIe Mini Card slots 11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Bluetooth 2.1 wireless + EDR, USB 2.0 interface None Gigabit ethernet, RealTek® RTL8111E, PCIe x1 High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / one internal analog microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)	
Security Fingerprint reader	Power-on password, hard disk password, administrator password, security lockhole Fingerprint reader on palm rest, swipe sensor	<p>Limited Warranty¹²</p> <ul style="list-style-type: none"> ↪ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options (in eligible locations):⁹ <ul style="list-style-type: none"> • 1-year Lenovo Onsite Repair¹³ 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair¹³ 78Y1536 • 3-year Lenovo Depot Repair 78Y1538 ↪ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686

See footnotes for important warranty information
 US model(s) announced June 8 or December 21, 2011
 US model(s) withdrawn effective April 2013

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Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Cam-era	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Fingerprint reader	Blue-tooth	Battery	Win7 preload
4396-25U	i5-2410M	2.30	2.90	2GBx2	14.0" HD	LED	2.0M	GT 525M	500GB ⁸	DVD±RW	Intel 1000	Black	Fingerprint	BT2.1	6-cell	Prem 64
4396-26U	i5-2410M	2.30	2.90	4+2GB	14.0" HD	LED	2.0M	GT 525M	750GB	DVD±RW	Intel 1000	Black	Fingerprint	BT2.1	6-cell	Prem 64

- 14.0" widescreen, glossy display with LED backlight
- Integrated 2.0 megapixel camera
- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- Fingerprint reader for easy and secure login
- BioExcess provides a convenient way to quickly encrypt or decrypt files, switch accounts, and manage password
- USB Port Locker prevents unauthorized access by requiring fingerprint scan to unlock
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i5-2410M processor (dual-core, 2.30GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Windows Live Essential • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Lenovo Security Suite • USB Port Locker • BioExcess
Memory	8GB max ⁷ ; PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	
SATA DVD±RW SATA disk	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high, Active Protection System™	
Widescreen display Camera	14.0" (355.6mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy); LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 2.0-megapixel, fixed focus, LED indicator	
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 3000 in processor, and NVIDIA GeForce® GT 525M , PCI Express® x16, 1GB DDR3 memory, DirectX® 11, NVIDIA CUDA™ technology, external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key None None Two-button touch pad with scroll feature, multi-touch	
Dimensions ³ Weight ² Case color Case material	(WxDxH): 13.4" x 9.2" x 0.8" to 1.2"; 340mm x 234.6mm x 20.7mm to 31.3mm with optical drive and battery: <i>6-cell</i> : 4.85 lb (2.2 kg) Black top, black bottom <i>Top and palm rest</i> : Aluminum <i>Bottom</i> : Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type Battery - life ¹⁰	Lithium Ion 6-cell Up to 5 hr	
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel HM65 Express Chipset None 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner PCIe Mini Card Intel 1000 Bluetooth™ Modem Ethernet Audio support	None Two PCIe Mini Card slots 11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Bluetooth 2.1 wireless + EDR, USB 2.0 interface None Gigabit ethernet, RealTek® RTL8111E, PCIe x1 High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / one internal analog microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)	
Security Fingerprint reader	Power-on password, hard disk password, administrator password, security lockhole Fingerprint reader on palm rest, swipe sensor	
		Limited Warranty¹² ⇨ 1-year warranty* : * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options (in eligible locations):⁹ <ul style="list-style-type: none"> • 1-year Lenovo Onsite Repair¹³ 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair¹³ 78Y1536 • 3-year Lenovo Depot Repair 78Y1538 ⇨ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686

See footnotes for important warranty information
 US model(s) announced June 8, 2011
 US model(s) withdrawn effective April 2013

lenovo



Lenovo V570



Lenovo V570



Lenovo V570



Lenovo V570



Lenovo V570



Lenovo V570

Lenovo® V570 (1066) - Integrated (web only models) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	CCFL or LED	Camera	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Fingerprint reader	Bluetooth	Battery	AC adapter	Win7 preload
1066-ABU	i3-2330M	4GBx1	15.6" HD	LED	2.0M	Intel HD	500GB ⁸	DVD±RW	Intel 1000	Gray	Fingerprint	BT2.1	6-cell	65W	Prem 64
1066-ACU	i5-2410M	4GBx1	15.6" HD	LED	2.0M	Intel HD	500GB	DVD±RW	Intel 1000	Gray	Fingerprint	BT2.1	6-cell	65W	Prem 64
1066-AEU	i7-2630QM	4+2GB	15.6" HD	LED	2.0M	Intel HD	750GB	DVD±RW	Intel 1000	Gray	Fingerprint	BT2.1	6-cell	90W	Prem 64
1066-AAU	B950	4GBx1	15.6" HD	LED	2.0M	Intel HD	500GB	DVD±RW	Intel 1000	Gray	Fingerprint	BT2.1	6-cell	65W	Prem 64
1066-ARU	i5-2430M	4+2GB	15.6" HD	LED	2.0M	Intel HD	750GB	DVD±RW	Intel 1000	Gray	Fingerprint	BT2.1	6-cell	65W	Prem 64
1066-ANU	i7-2670QM	4GBx2	15.6" HD	LED	2.0M	Intel HD	750GB	DVD±RW	Intel 1000	Gray	Fingerprint	BT2.1	6-cell	90W	Prem 64
1066-AXU	i5-2450M	4+2GB	15.6" HD	LED	2.0M	Intel HD	500GB	DVD±RW	Intel 1000	Gray	Fingerprint	BT2.1	6-cell	65W	Prem 64
1066-AZU	i5-2450M	4GBx2	15.6" HD	LED	2.0M	Intel HD	500GB	DVD±RW	Intel 1000	Gray	Fingerprint	BT2.1	6-cell	65W	Prem 64

- **15.6" widescreen, glossy display with LED backlight**
- **Integrated 2.0 megapixel camera**
- **Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows**
- **Fingerprint reader for easy and secure login**
- **BioExcess provides a convenient way to quickly encrypt or decrypt files, switch accounts, and manage password**
- **USB Port Locker prevents unauthorized access by requiring fingerprint scan to unlock**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<p><i>Widescreen flexibility; two-spindle</i></p> <p>Intel® Pentium® B950 processor (dual-core, 2.10GHz, 2MB cache), DDR3 memory controller (up to 1333MHz)</p> <p>Intel Core™ i3-2330M processor (dual-core, 2.20GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), HT technology</p> <p>Intel Core i5-2410M processor (dual-core, 2.30GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology</p> <p>Intel Core i5-2430M processor (dual-core, 2.40GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.00GHz), HT technology</p> <p>Intel Core i5-2450M processor (dual-core, 2.50GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology</p> <p>Intel Core i7-2630QM processor (quad-core, 2.00GHz, 6MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology</p> <p>Intel Core i7-2670QM processor (quad-core, 2.20GHz, 6MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology</p>	<p>Preloaded operating system²⁰</p> <ul style="list-style-type: none"> • Genuine Windows® 7 Home Premium 64 <p>Preloaded applications¹⁴ (only some listed)</p> <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Windows Live Essentials • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Energy Management Software • CyberLink Power2Go (DVD±RW) • Lenovo Security Suite • USB Port Locker • BioExcess
Memory	8GB max ⁷ ; PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	
SATA DVD±RW SATA disk	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high, Active Protection System™	
Widescreen display Camera	15.6" (396.2mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy); LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 2.0-megapixel, fixed focus, LED indicator	
Graphics	Intel HD Graphics in processor, uses system memory, external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard Numeric keypad Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key Numeric keypad on right of keyboard None None Two-button touch pad with scroll feature, multi-touch	
Dimensions ³ Weight ² Case color Case material	(WxDxH): 14.9" x 9.9" x 1.3"; 378mm x 252mm x 32.3mm with optical drive and battery: 6-cell: 5.29 lb (2.4 kg) Silver gray top, black bottom <i>Top and palm rest:</i> Aluminum <i>Bottom:</i> Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	<p><i>Some:</i> 65-watt AC adapter <i>Some:</i> 90-watt AC adapter Wireless on/off switch EPEAT™ Silver rating ENERGY STAR® qualified RoHS-compliant</p>
Battery - type Battery - life ¹⁰	Lithium Ion 6-cell Up to 5 hr	
Chipset ExpressCard/34 Multicard reader	Mobile Intel HM65 Express Chipset None 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)	
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner PCIe Mini Card Intel 1000 Bluetooth™ Modem Ethernet Audio support	None Two PCIe Mini Card slots 11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Bluetooth 2.1 wireless + EDR, USB 2.0 interface None Gigabit ethernet, RealTek® RTL8111E, PCIe x1 High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / one internal analog microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)	
Security Fingerprint reader	Power-on password, hard disk password, administrator password, security lockhole Fingerprint reader on palm rest, swipe sensor	
		<p>Limited Warranty¹²</p> <ul style="list-style-type: none"> ↪ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options (in eligible locations):⁹ <ul style="list-style-type: none"> • 1-year Lenovo Onsite Repair¹³ 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair¹³ 78Y1536 • 3-year Lenovo Depot Repair 78Y1538 ↪ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686

See footnotes for important warranty information

US model(s) announced August 17 or December 21, 2011 or June 21, 2012

US model(s) withdrawn effective April 2013

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Lenovo® V570 (1066) - NVIDIA (web only models) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	Memory	Widescreen display	CCFL or LED	Cam-era	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Fingerprint reader	Blue-tooth	Battery	AC adapter	Win7 preload
1066-ADU	i5-2410M	2+4GB	15.6" HD	LED	2.0M	GT 525M	750GB ⁸	DVD±RW	Intel 1000	Gray	Fingerprint	BT2.1	6-cell	90W	Prem 64

- 15.6" widescreen, glossy display with LED backlight
- Integrated 2.0 megapixel camera
- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- Fingerprint reader for easy and secure login
- BioExcess provides a convenient way to quickly encrypt or decrypt files, switch accounts, and manage password
- USB Port Locker prevents unauthorized access by requiring fingerprint scan to unlock
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i5-2410M processor (dual-core, 2.30GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64
Memory	8GB max ⁷ ; PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	
SATA DVD±RW SATA disk	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 750GB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high, Active Protection System™	90-watt AC adapter Wireless on/off switch Graphic Optimus/Integrated switch EPEAT™ Silver rating ENERGY STAR® qualified RoHS-compliant
Widescreen display Camera	15.6" (396.2mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy); LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 2.0-megapixel, fixed focus, LED indicator	
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics in processor, and NVIDIA GeForce® GT 525M, PCI Express® x16, 1GB DDR3 memory, DirectX® 11, NVIDIA CUDA™ technology, external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard Numeric keypad Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key Numeric keypad on right of keyboard None None Two-button touch pad with scroll feature, multi-touch	
Dimensions ³ Weight ² Case color Case material	(WxDxH): 14.9" x 9.9" x 1.3"; 378mm x 252mm x 32.3mm with optical drive and battery: 6-cell: 5.29 lb (2.4 kg) Silver gray top, black bottom Top and palm rest: Aluminum Bottom: Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type Battery - life ¹⁰	Lithium Ion 6-cell Up to 5 hr	
Chipset ExpressCard/34 Multicard reader	Mobile Intel HM65 Express Chipset None 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)	
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner PCIe Mini Card Intel 1000 Bluetooth™ Modem Ethernet Audio support	None Two PCIe Mini Card slots 11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Bluetooth 2.1 wireless + EDR, USB 2.0 interface None Gigabit ethernet, RealTek® RTL8111E, PCIe x1 High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / one internal analog microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)	
Security Fingerprint reader	Power-on password, hard disk password, administrator password, security lockhole Fingerprint reader on palm rest, swipe sensor	

See footnotes for important warranty information
US model(s) announced August 17, 2011
US model(s) withdrawn effective April 2013

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Part number	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Finger-print reader	Chip-set	Vista preload	Availability
59-011896	Pentium T2310	1.46	1GB	14.1" WXGA	Cam	GMA	160G ⁸	DVD±RW	Intel 11a/b/g ¹¹	None	None	GM Home Prem	Oct 07
59-011843	Core 2 Duo T5250	1.50	2GB	14.1" WXGA	Cam	GMA	160G	DVD±RW	*Intel 11a/b/g	None	None	GM Home Prem	Oct 07
59-011897	Core 2 Duo T5450	1.66	2GB	14.1" WXGA	Cam	GMA	160G	DVD±RW	*Intel 11a/b/g	None	None	GM Home Prem	Oct 07

• 14.1" widescreen display
 • Dolby Home Theater premium audio system with subwoofer
 • Audio DJ plays CDs without booting the system
 • Shuttle Center offers a one-stop, total entertainment environment with Shuttle Key that puts volume and equalizer controls on the keyboard

Positioning Processor	Widescreen flexibility; two-spindle Intel® Pentium® Processor T2310 with dual-core, Enhanced Intel SpeedStep® technology ¹ , Execute Disable Bit, 533MHz system bus, and 1MB shared L2 cache or Intel Core™ 2 Duo processor T5250 or T5450 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology ¹ , Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache	Preloaded operating system²⁰ - Genuine Windows® Vista® Home Premium 32 ⇨ Vista Premium logo Preloaded applications¹⁴ • OneKey Recovery • Norton Internet Security™ (90 days of virus definitions) • Power 2Go (DVD±RW) • Adobe® Reader • Windows Live™ Toolbar • Picasa from Google • Shuttle Center (DVD±RW) • EasyCapture • Microsoft® Office 2007 Trial (60-day) • VeriFace • Earth Link • Lenovo AnyComm	
Memory	1GB or 2GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available		
Diskette drive	None		
EIDE DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high		
SATA disk	160GB ⁸ (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable and upgradable		
Widescreen display	14.1" (358.1mm) WXGA (1280x800) TFT color, VibrantView (glossy), CCFL backlight, 185 nits, 16:10 aspect ratio, 400:1 contrast ratio		
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0		
Graphics	Intel Graphics Media Accelerator X3100, in GM965		
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys, Two-button touch pad with scroll feature (no TrackPoint®)		
Dimensions ³	(WxDxH): 13.4" x 10.0" x 1.1" to 1.5"; 340mm x 253mm x 27 to 37mm		
Weight ²	with optical drive and battery: 6-cell: 5.2 lb (2.4 kg)		
Case color	Silver top; silver bottom		
Case material	ABS plastic		
Battery - type	Lithium Ion 6-cell, smart battery		
Battery - life ¹⁰	Up to 3.5 hr		
Chipset	Mobile Intel GM965 Express Chipset (Graphics Memory Controller Hub); ICH8M I/O Controller Hub (SATA 3.0Gb/s, ATA-100 EIDE, USB 2.0, PCI Express® 1.1, PCI 2.3), LPC bus (ENE KB925 Super I/O)		
ExpressCard/54 Multicard reader	One slot (ExpressCard/34, ExpressCard/54) 6-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)		
Ports	Three USB 2.0, external monitor (VGA DB-15), S-video out port (TV-out), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)		
InstantON	Press button to support instant on CD play without loading OS		
Video out	S-video out port (TV-out), one 7-pin industry standard connector		
Mini PCI Express	One Mini PCI Express slot, not customer upgradable		
Intel 11a/b/g	11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG		
Bluetooth™	None		
Modem	56K V.92 ⁶ modem, not customer accessible		
Ethernet	10/100 ethernet, Broadcom® BCM5906M, PCI 2.3		
Audio support	Intel High Definition (HD) Audio, RealTek® ALC262 codec / two stereo speakers, 2 watt, and subwoofer, 2 watt, Dolby Home Theater Technology / Audio DJ button, mute button / stereo microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm)		
Security	Power-on password, hard disk password, supervisor password, security lockhole		
Fingerprint reader	None		
Limited warranty ¹²	1-year - Depot Service ¹⁹ , onsite ¹³ pickup and delivery via 1-877-453-6686		
1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	Lenovo Y Series 90W AC Adapter	41R4322
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	Lenovo 90W AC Adapter	45J7717
USB 2.0 Essential Memory Key 4GB	45J7904	Lenovo Carrying Case - Messenger	41N5677
USB 2.0 Essential Memory Key 8GB	45J7905	Lenovo Carrying Case - Messenger Max	41U5253
USB 2.0 Essential Memory Key 32GB	45K1258	Lenovo Case - Performance Backpack	41U5254
USB 2.0 Lenovo Multimedia Headset	41N5678	Kensington® MicroSaver® Cable Lock	73P2582
Enh Perf Wireless Keyboard and Mouse	41N5672	Others at http://lenovo.com/accessories	
Lenovo Y410 Battery 6-Cell	43R1955		

65-watt AC adapter (GMA X3100 graphics models)
Wireless on/off switch
RoHS-compliant
ENERGY STAR® 4.0-compliant

See footnotes for important warranty information
 US models announced October 9, 2007
 US models withdrawn effective Apr 2010

* Intel Centrino® processor technology

Lenovo® B470 (4315) - Integrated (Windows 7) - web only - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	Max turbo GHz	Memory	Widescreen display	CCFL or LED	Camera	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Fingerprint reader	Bluetooth	Battery	Win7 preload
4315-24U	i3-2310M	2.10	None	2GBx2 14.0" HD	LED	0.3M	Intel HD	500GB ⁸	DVD±RW	Intel 1000	Black	Fingerprint	BT2.1	6-cell	Prem 64
4315-25U	B800	1.50	None	4GBx1 14.0" HD	LED	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	Fingerprint		6-cell	Prem 64
4315-26U	i3-2330M	2.20	None	4GBx1 14.0" HD	LED	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	Fingerprint		6-cell	Prem 64

- **14.0" widescreen, glossy display with LED backlight**
- **Integrated 0.3 megapixel camera**
- **Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows**
- **Fingerprint reader for easy and secure login**
- **BioExcess provides a convenient way to quickly encrypt or decrypt files, switch accounts, and manage passwords**
- **USB Port Locker prevents unauthorized access by requiring fingerprint scan to unlock**
- **This system is Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Celeron® B800 processor (dual-core, 1.50GHz, 2MB cache) , DDR3 memory controller (up to 1333MHz) Intel Core™ i3-2310M processor (dual-core, 2.10GHz, 3MB cache) , DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-2330M processor (dual-core, 2.20GHz, 3MB cache) , DDR3 memory controller (up to 1333MHz), HT technology	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Windows Live Essentials • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Lenovo Security Suite • USB Port Locker • BioExcess
Memory	8GB max ⁷ ; PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	
SATA DVD±RW SATA disk	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 500GB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high	
Widescreen display Camera	14.0" (355.6mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy); LED backlight , 200 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus, LED indicator	
Graphics	Intel HD Graphics in processor, uses system memory, external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key None None Two-button touch pad with scroll feature, multi-touch	
Dimensions ³ Weight ² Case color Case material	(<i>WxDxH</i>): 13.4" x 9.2" x 1.3"; 340mm x 234.6mm x 33.6mm with optical drive and battery: <i>6-cell</i> : 4.85 lb (2.2 kg) Black top, black bottom <i>Top and palm rest</i> : Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic <i>Bottom</i> : Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type Battery - life ¹⁰	Lithium Ion 6-cell Up to 6 hr	
Chipset ExpressCard/34 Multicard reader	Mobile Intel HM65 Express Chipset None 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)	
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner PCIe Mini Card	None Two PCIe Mini Card slots	
Intel 1000 11b/g/n Bluetooth™ Modem Ethernet Audio support	<i>Some</i> : 11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 <i>Some</i> : 11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip <i>Some</i> : Bluetooth 2.1 wireless + EDR, USB 2.0 interface None Gigabit ethernet, RealTek® RTL8111E, PCIe x1 High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / one internal analog microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)	
Security Fingerprint reader	Power-on password, hard disk password, administrator password, security lockhole Fingerprint reader on palm rest, swipe sensor	
		Integrated models: 65-watt AC adapter Wireless on/off switch EPEAT™ Silver rating ENERGY STAR® qualified RoHS-compliant Limited Warranty¹² ⇨ 1-year warranty* : * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail in repair service ⇨ Service upgrade options (in eligible locations):⁹ <ul style="list-style-type: none"> • 1-year Lenovo Onsite Repair¹³ 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair¹³ 78Y1536 • 3-year Lenovo Depot Repair 78Y1538 ⇨ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686

See footnotes for important warranty information
 US model(s) announced June 22 or December 21, 2011
 US model(s) withdrawn effective April 2013

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Lenovo® B470 (4315) - NVIDIA (Windows 7) - web only - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Cam-era	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Fingerprint reader	Blue-tooth	Battery	Win7 preload
4315-23U	i5-2410M	2.30	2.90	2GBx2	14.0" HD	LED	0.3M	GF 410M	500GB ⁸	DVD±RW	Intel 1000	Black	Fingerprint	BT2.1	6-cell	Prem 64

- **14.0" widescreen, glossy display with LED backlight**
- **Integrated 0.3 megapixel camera**
- **Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows**
- **Fingerprint reader for easy and secure login**
- **BioExcess provides a convenient way to quickly encrypt or decrypt files, switch accounts, and manage passwords**
- **USB Port Locker prevents unauthorized access by requiring fingerprint scan to unlock**
- **This system is Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Core™ i5-2410M processor (dual-core, 2.30GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Lenovo Security Suite • USB Port Locker • BioExcess
Memory	8GB max ⁷ ; PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	
SATA DVD±RW SATA disk	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 500GB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high	
Widescreen display	14.0" (355.6mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy); LED backlight , 200 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, LED indicator	
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 3000 in processor, and NVIDIA GeForce® 410M , PCI Express® x16, 1GB DDR3 memory, DirectX® 11, NVIDIA CUDA™ technology, external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard	Full-size keyboard, 6-row, recovery key	
Touch controls	None	
Light sensor	None	
Touch pad	Two-button touch pad with scroll feature, multi-touch	
Dimensions ³	(WxDxH): 13.4" x 9.2" x 1.3"; 340mm x 234.6mm x 33.6mm	Discrete models: 90-watt AC adapter Wireless on/off switch Graphic Optimus/Integrated switch EPEAT™ Silver rating ENERGY STAR® qualified RoHS-compliant Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options (in eligible locations):⁹ <ul style="list-style-type: none"> • 1-year Lenovo Onsite Repair¹³ 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair¹³ 78Y1536 • 3-year Lenovo Depot Repair 78Y1538 ⇨ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Weight ²	with optical drive and battery: <i>6-cell</i> : 4.85 lb (2.2 kg)	
Case color	Black top, black bottom	
Case material	<i>Top and palm rest:</i> Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic <i>Bottom:</i> Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	Up to 5.8 hr	
Chipset	Mobile Intel HM65 Express Chipset	
ExpressCard/34 Multicard reader	None	
Ports	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	Two PCIe Mini Card slots	
Intel 1000	11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2	
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface	
Modem	None	
Ethernet	Gigabit ethernet, RealTek® RTL8111E, PCIe x1	
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / one internal analog microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)	
Security	Power-on password, hard disk password, administrator password, security lockhole	
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor	

See footnotes for important warranty information
 US model(s) announced June 22, 2011
 US model(s) withdrawn effective April 2013

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Lenovo® B570 (1068) - Integrated (Windows 7) - web only - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Camera	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Fingerprint reader	Bluetooth	Battery	Win7 preload
1068-A2U	i5-2410M	2.30	2.90	2GBx2	15.6" HD	LED	0.3M	Intel HD	500GB ⁸	DVD±RW	Intel 1000	Black	Fingerprint	BT2.1	6-cell	Prem 64
1068-A3U	i3-2310M	2.10		2GBx2	15.6" HD	LED	0.3M	Intel HD	500GB	DVD±RW	Intel 1000	Black	Fingerprint	BT2.1	6-cell	Prem 64
1068-ARU	B800	1.50		4GBx1	15.6" HD	LED	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	Fingerprint		6-cell	Prem 64
1068-ASU	i3-2330M	2.20		4GBx1	15.6" HD	LED	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	Fingerprint		6-cell	Prem 64
1068-B3U	i5-2430M	2.40	3.00	4GBx1	15.6" HD	LED	0.3M	Intel HD	750GB	DVD±RW	11b/g/n	Black	Fingerprint		6-cell	Prem 64

- 15.6" widescreen, glossy display with LED backlight
- Integrated 0.3 megapixel camera
- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- Fingerprint reader for easy and secure login
- BioExcess provides a convenient way to quickly encrypt or decrypt files, switch accounts, and manage passwords
- USB Port Locker prevents unauthorized access by requiring fingerprint scan to unlock
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Celeron® B800 processor (dual-core, 1.50GHz, 2MB cache) , DDR3 memory controller (up to 1333MHz) Intel Core™ i3-2310M processor (dual-core, 2.10GHz, 3MB cache) , DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-2330M processor (dual-core, 2.20GHz, 3MB cache) , DDR3 memory controller (up to 1333MHz), HT technology Intel Core i5-2410M processor (dual-core, 2.30GHz, 3MB cache) , DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology Intel Core i5-2430M processor (dual-core, 2.40GHz, 3MB cache) , DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.00GHz), HT technology	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Windows Live Essentials • CyberLink YouCam • VeriFace™ • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Lenovo Security Suite • USB Port Locker • BioExcess
Memory	8GB max ⁷ ; PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	Integrated models: 65-watt AC adapter Wireless on/off switch EPEAT™ Silver rating ENERGY STAR® qualified RoHS-compliant Limited Warranty¹² ↪ 1-year warranty* : * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↪ Mail In repair service ↪ Service upgrade options (in eligible locations):⁹ • 1-year Lenovo Onsite Repair¹³ 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair¹³ 78Y1536 • 3-year Lenovo Depot Repair 78Y1538 ↪ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	500GB (5400 rpm) / SATA 3.0Gb/s, 7mm or 9.5mm high,	
Widescreen display	15.6" (396.2mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy); LED backlight , 200 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, LED indicator	
Graphics	Intel HD Graphics in processor, uses system memory, external monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard	Full-size keyboard, 6-row, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Touch controls	None	
Light sensor	None	
Touch pad	Two-button touch pad with scroll feature, multi-touch	
Dimensions ³	(WxDxH): 14.9" x 9.9" x 1.3"; 378mm x 252mm x 33.1mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : 5.18 lb (2.35 kg)	
Case color	Black top, black bottom	
Case material	<i>Top and palm rest</i> : Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic <i>Bottom</i> : Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	Up to 5.8 hr	
Chipset	Mobile Intel HM65 Express Chipset	
ExpressCard/34	None	
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)	
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	Two PCIe Mini Card slots	
Intel 1000	<i>Some</i> : 11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2	
11b/g/n	<i>Some</i> : 11b/g/n wireless ⁴ , PCIe Mini Card adapter, Broadcom® or Atheros® chip	
Bluetooth™	<i>Some</i> : Bluetooth 2.1 wireless + EDR, USB 2.0 interface	
Modem	None	
Ethernet	Gigabit ethernet, RealTek® RTL8111E, PCIe x1	
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / one internal analog microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)	
Security	Power-on password, hard disk password, administrator password, security lockhole	
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor	

See footnotes for important warranty information
US model(s) announced June 22 or December 21, 2011
US model(s) withdrawn effective April 2013

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Lenovo G530



Lenovo G530



Lenovo G530



Lenovo G530

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue-tooth	Battery cells	Vista preload	Avail date
4151-X2U	T3400	2.16	2GB	15.4" WXGA	Cam	GMA	160GB ⁸	DVD±RW	Lenovo 11b/g ¹¹	Black	None	6-cell	Basic	Mar 09
4151-38U	T3400	2.16	3GB	15.4" WXGA	Cam	GMA	160GB	DVD±RW	Lenovo 11b/g	Black	None	4-cell	Prem 32	Jan 09
4151-3BU	T3400	2.16	3GB	15.4" WXGA	Cam	GMA	250GB	DVD±RW	Lenovo 11b/g	Black	None	4-cell	Prem 32	Mar 09
4151-X3U	T3400	2.16	3GB	15.4" WXGA	Cam	GMA	250GB	DVD±RW	Lenovo 11b/g	Black	None	6-cell	Prem 32	Mar 09
4151-93U	T4200	2.00	3GB	15.4" WXGA	Cam	GMA	250GB	DVD±RW	Lenovo 11b/g	Black	None	6-cell	Prem 32	Oct 09

- 15.4" widescreen, glossy display
- Bold black color with piano finish
- Integrated 0.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Positioning Processor	Widescreen flexibility; two-spindle Intel® Pentium® Processor T3400 or T4200 with dual-core , <i>T3400:</i> 667MHz system bus, <i>T4200:</i> 800MHz system bus; and 1MB L2 cache	Preloaded operating system²⁰ - <i>Some:</i> Genuine Windows® Vista® Home Basic 32 - <i>Some:</i> Genuine Windows Vista Home Premium 32 ✦ 4151-X2U: Vista Basic logo ✦ <i>Others:</i> Vista Premium logo
Memory	2GB or 3GB std / 4GB max ³¹ / PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available	
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 160GB (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable	Preloaded applications¹⁴ (only some listed) • Lenovo™ OneKey Recovery • Lenovo ReadyComm • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Widescreen display Camera	15.4" (391.2mm) WXGA (1280x800) TFT color, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 400:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus	
Integrated graphics	Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40, <i>Max external resolution:</i> 2048x1536@75Hz (DB-15 port)	
Keyboard Multimedia controls Touch pad	Full-size keyboard, 6-row, 84-key, multimedia Fn keys, recovery key Touch-sensitive volume control panel with one user defined button Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	(<i>WxDxH</i>): 14.1" x 10.1" x 1.22" to 1.46"; 358.5mm x 256.5mm x 31 to 37mm with optical drive and battery: <i>6-cell:</i> 5.95 lb (2.7 kg) Black top, black bottom ABS plastic; <i>Palm rest:</i> ABS plastic Lithium Ion 4-cell or 6-cell <i>4-cell:</i> Up to 2.5 hr; <i>6-cell:</i> up to 4.5 hr	65-watt AC adapter Wireless on/off switch RoHS-compliant
Chipset	Mobile Intel GL40 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)	Limited Warranty¹² ⇒ 1-year parts and labor ⇒ Depot repair service¹⁹ ⇒ Service upgrade options (in eligible locations):⁹ • 1-year Onsite with accidental damage protection 78Y1533 • 3-year Lenovo Onsite Repair¹³ 9x5 Next Business Day 78Y1540 • 3-year Lenovo Onsite Repair¹³ 9x5 Next Business Day with accidental damage protection 78Y1541 ⇒ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686
ExpressCard/54 Multicard reader Ports	One slot (ExpressCard/34, ExpressCard/54) None Four USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45)	
TV tuner Mini PCI Express Lenovo 11b/g ¹¹ Bluetooth™ Modem Ethernet Audio support	None One Mini PCI Express slot 11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® BCM4312 None 56K ⁶ V.92 ¹⁵ modem 10/100 ethernet, Broadcom® BCM5906M High Definition (HD) Audio, CX20561-15Z codec / two main speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security Fingerprint reader	Power-on password, hard disk password, supervisor password, security lockhole, None	

See footnotes for important warranty information
US model announced January 27, March 17, or September 30, 2009
US model withdrawn effective March 2009 or February 2011

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Lenovo® G530 (4151) - GMA (Windows 7) - web only models - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Battery cells	Win7 preload	Avail date
4151-A2U	T4400	2.20	3GB	15.4" WXGA	0.3M	GMA	160GB ⁸	DVD±RW	Lenovo 11b/g ¹¹	Black	None	6-cell	Prem 32	Feb 10
<ul style="list-style-type: none"> • 15.4" widescreen, glossy display • Integrated 0.3 megapixel camera 														
Positioning Processor	<i>Widescreen flexibility; two-spindle Intel® Pentium® Processor T4400 with dual-core, 800MHz system bus, and 1MB L2 cache</i>									Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 32				
Memory	3GB std / 4GB max ³¹ / PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available									Preloaded applications¹⁴ (only some listed) • Lenovo™ OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)				
Diskette drive	None									65-watt AC adapter Wireless on/off switch RoHS-compliant				
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in													
SATA disk	160GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high									Limited Warranty¹² ⇒ 1-year parts and labor ⇒ Depot repair service¹⁹ ⇒ Service upgrade options (in eligible locations):⁹ • 1-year Onsite with accidental damage protection 78Y1533 • 3-year Lenovo Onsite Repair¹³ 9x5 Next Business Day 78Y1540 • 3-year Lenovo Onsite Repair¹³ 9x5 Next Business Day with accidental damage protection 78Y1541 ⇒ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686				
Widescreen display	15.4" (391.2mm) WXGA (1280x800) TFT color, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 400:1 contrast ratio													
Camera	Camera on top of screen, 0.3-megapixel, fixed focus													
Integrated graphics	Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40, <i>Max external resolution: 2048x1536@75Hz (DB-15 port)</i>													
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys, recovery key													
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)													
Dimensions ³	<i>(WxDxH):</i> 14.1" x 10.1" x 1.22" to 1.46"; 358.5mm x 256.5mm x 31 to 37mm													
Weight ²	with optical drive and battery: <i>6-cell:</i> 5.95 lb (2.7 kg)													
Case color	Black top, black bottom													
Case material	ABS plastic; <i>Palm rest:</i> ABS plastic													
Battery - type	Lithium Ion 6-cell													
Battery - life ¹⁰	<i>6-cell:</i> up to 3 hr													
Chipset	Mobile Intel GL40 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub													
ExpressCard/54	None													
Multicard reader	None													
Ports	Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)													
TV tuner	None													
PCIe Mini Card	One PCI Express Mini Card slot													
Lenovo 11b/g ¹¹	11b/g wireless ⁴ , Lenovo 11b/g PCIe Mini Card, Broadcom® BCM4312													
Bluetooth™	None													
Modem	None													
Ethernet	10/100 ethernet													
Audio support	High Definition (HD) Audio/ two main speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)													
Security	Power-on password, supervisor password, security lockhole													
Fingerprint reader	None													

See footnotes for important warranty information
 US model announced June 3, 2010
 US model withdrawn effective February 2011

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Lenovo® G530 (4446) - GMA - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Widescreen display	Camera (mega-pixel)	Integrated graphics	Chipset	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Blue-tooth	Battery cells	Preload	Avail date
4446-34U	Cel 900	2.20	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	160G 5400	DVD±RW	RealTek b/g	None	6	Home B	Sep 09
4446-23U	T3400	2.16	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	160G 5400	DVD±RW	RealTek b/g ¹¹	None	6	Home B	Mar 09
4446-24U	T3400	2.16	3GB	15.4" WXGA	0.3	GMA 4500M	GL40	250G 5400	DVD±RW	RealTek b/g	None	6	Prem 32	Mar 09
4446-35U	T4200	2.00	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	160G 5400	DVD±RW	RealTek b/g	None	6	Home B	Sep 09
4446-3JU	T4200	2.00	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	160G 5400	DVD±RW	RealTek b/g	None	6	Prem 32	Sep 09
4446-3GU	T4200	2.00	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	250G 5400	DVD±RW	RealTek b/g	None	6	XP Pro	Sep 09
4446-36U	T4200	2.00	3GB	15.4" WXGA	0.3	GMA 4500M	GL40	250G 5400	DVD±RW	RealTek b/g	None	6	Prem 32	Sep 09
4446-25U	T6400	2.00	3GB	15.4" WXGA	1.3	GMA 4500MHD	GM45	250G 5400	DVD±RW	* Intel 5100 ²⁸	None	6	XP Pro	Mar 09
4446-38U	T6500	2.10	3GB	15.4" WXGA	1.3	GMA 4500MHD	GM45	250G 5400	DVD±RW	* Intel 5100	None	6	XP Pro	Sep 09

- 15.4" widescreen, glossy display
- Matte black finish

Processor	Intel® Celeron® Processor 900 with single-core, 800MHz system bus, and 1MB L2 cache or Intel Pentium® Processor T3400 or T4200 with dual-core, 1MB L2 cache, <i>T3400:</i> 667MHz system bus; <i>T4200:</i> 800MHz system bus or Intel Core™ 2 Duo processor T6400 or T6500 with dual-core, 800MHz system bus, and 2MB L2 cache										Preloaded operating system²⁰ - <i>Some:</i> Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business) - <i>Some:</i> Genuine Windows Vista Home Basic 32 - <i>Some:</i> Genuine Windows Vista Home Premium 32			
Memory	2GB or 3GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available										Preloaded applications¹⁴ • Lenovo Care™ Tools - Rescue and Recovery™ - Access Connections™ - Presentation Director • Easy Capture • Adobe® Reader • Norton Internet Security™ (90 days of virus definitions) • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Roxio® Creator® Small Business Edition • InterVideo WinDVD® (DVD±RW)			
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB⁸ (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable													
Widescreen display Camera	15.4" (391.2mm) WXGA (1280x800) color, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 400:1 contrast ratio <i>Some:</i> camera on top of screen, 0.3-megapixel, fixed focus <i>Some:</i> camera on top of screen, 1.3-megapixel, fixed focus													
Integrated graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40 <i>Some:</i> Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, <i>All:</i> <i>Max external resolution:</i> 2048x1536 @75Hz (DB-15 port)													
Keyboard Touch controls Touch pad	Full-size keyboard, 6-row, Lenovo Care button, multimedia Fn keys, Windows/Appl keys Touch-sensitive volume control panel with one user defined button Two-button touch pad with scroll feature (no TrackPoint®)													
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	<i>6-cell 15.4W"</i> (WxDxH): 14.1" x 10.1" x 1.22–1.46"; 358.5 x 256.5mm x 31–37mm <i>6-cell:</i> starting at 5.95 lb (2.7kg) Matte black finish ABS plastic Lithium Ion 6-cell <i>6-cell:</i> up to 4.5 hr													
Chipset	Mobile Intel GL40/GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)													
ExpressCard/54 Multicard reader PC Card Smart Card read Ports	One slot (ExpressCard/34, ExpressCard/54) 4-in-1 reader (Memory Stick, Memory Stick PRO™, Secure Digital, xD-Picture Card™) None None Four USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45)										65-watt (GMA graphics) AC adapter Wireless on/off switch RoHS-compliant			
Mini PCI Express RealTek b/g ¹¹ Intel 5100 ²⁸ WWAN upg UWB Modem Bluetooth™ Ethernet Intel AMT Audio support Security Security chip Fingerprint reader	One Mini PCI Express slot <i>Some:</i> 11b/g wireless ⁴ , Mini PCI Express Adapter, RealTek chipset <i>Some:</i> 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) None None 56K V.92 ⁶ modem None 10/100 ethernet, Broadcom® BCM5906M None None High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 2 watt / volume up, down, mute buttons / microphone, mic input jack, headphone jack Power-on password, hard disk password, supervisor password, security keyhole None None										Limited Warranty¹² ⇨ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options (in eligible locations):⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686			
USB Port Replicator with Digital Video ThinkPad Travel Mouse (USB, Optical) Lenovo Wireless Laser Mouse - Black Lenovo Wireless Laser Mouse - Red/Black N500/G530 Series Li-Ion Battery 6-cell Lenovo G430/530/450/550 Battery 6-cell N500/G500 Series 90W AC Adapter	45K1610 31P7410 45K1696 51J0198 51J0226 57Y6266 41R4515										Lenovo Carrying Case - Messenger Max 41U5253 Lenovo Case - Performance Backpack 41U5254 Lenovo Essential Notebook Stand 45J9292 Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Other accessories at lenovo.com/accessories			

See footnotes for important warranty information * Intel Centrino® processor technology
 US models announced March 31 or September 10, 2009
 US models withdrawn effective October 2009 or February 2011

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Lenovo G450



Lenovo G450



Lenovo G450



Lenovo G450

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Keypad	Blue-tooth	Battery cells	Vista preload	Avail date
2949-79U	T4200	2.00	4GB	14.0" WXGA	Cam	GMA	320GB ⁸	DVD±RW	11b/g ¹¹	Gray	None	None	6-cell	Prem 64	Aug 09

- **14.0" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face.**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processo	<i>Widescreen flexibility; two-spindle</i> Intel® Pentium® Processor T4200 with dual-core, 800MHz system bus, and 1MB L2 cache	Preloaded operating system²⁰ - Genuine Windows® Vista® Home Premium 64 ↗ Vista Premium logo Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) 65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant Limited Warranty¹² ↗ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ↗ Mail in repair service ↗ Service upgrade options (in eligible locations):⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ↗ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Memory	4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available	
Diskette drive	None	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	14.0" (355.6mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus	
Integrated graphics	Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40, <i>Max external resolution:</i> 2048x1536@75Hz (DB-15 port)	
Keyboard	Full-size keyboard, Fn keys, recovery key	
Numeric keypad	None	
Multimedia controls	Touch-sensitive volume control panel	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions ³	<i>(WxDxH):</i> 13.6" x 9.3" x 1.03" to 1.41"; 345mm x 235mm x 26.2 to 35.9mm	
Weight ²	with optical drive and battery: <i>6-cell:</i> from 4.87 lb (2.21kg)	
Case color	Gray top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>6-cell:</i> up to 5 hr	
Chipset	Mobile Intel GL40 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)	
ExpressCard/34	One slot (ExpressCard/34)	
Multicard reader	None	
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	
TV tuner	None	
Mini PCI Express	One Mini PCI Express slot	
11b/g ²⁸	11b/g wireless ⁴ , Mini PCI Express Adapter, Broadcom® BCM4312	
Bluetooth™	None	
Modem	None	
Ethernet	10/100 ethernet, Broadcom® BCM5906M	
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information
 US model announced August 11, 2009
 US model withdrawn effective February 2011

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Lenovo® G450 (2949) - GMA (Windows 7) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Keypad	Blue-tooth	Battery cells	Win7 preload	Avail date
2949-CFU	T4300	2.10	3GB	14.0" WXGA	0.3M	GMA	250GB ⁸	DVD±RW	11b/g ¹¹	Gray	None	None	6-cell	Prem 32	Oct 09
2949-CHU	T4300	2.10	4GB	14.0" WXGA	0.3M	GMA	320GB	DVD±RW	11b/g	Gray	None	None	6-cell	Prem 64	Oct 09

- **14.0" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face.**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning	<i>Widescreen flexibility; two-spindle</i>	Preloaded operating system²⁰ - <i>Some:</i> Genuine Windows® 7 Home Premium 32 - <i>Some:</i> Genuine Windows 7 Home Premium 64
Processor	Intel® Pentium® Processor T4300 with dual-core, 800MHz system bus, and 1MB 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; <i>Italics:</i> standard memory in both sockets; no sockets available	Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee VirusScan® Plus (60 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Diskette drive	None	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant
SATA disk	250GB (5400 rpm) or 320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	14.0" (355.6mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus	
Integrated graphics	Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40, <i>Max external resolution: 2048x1536@75Hz (DB-15 port)</i>	
Keyboard	Full-size keyboard, Fn keys, recovery key	
Numeric keypad	None	
Multimedia controls	Touch-sensitive volume control panel	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions ³	<i>(WxDxH):</i> 13.6" x 9.3" x 1.03" to 1.41"; 345mm x 235mm x 26.2 to 35.9mm	
Weight ²	with optical drive and battery: <i>6-cell:</i> from 4.87 lb (2.21kg)	
Case color	Gray top, black bottom	See footnotes for important warranty information US models announced October 23, 2009 US models withdrawn effective February 2011
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>6-cell:</i> up to 5 hr	
Chipset	Mobile Intel GL40 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)	
ExpressCard/34	One slot (ExpressCard/34)	
Multicard reader	None	
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	
TV tuner	None	
Mini PCI Express	One Mini PCI Express slot	
11b/g ²⁸	11b/g wireless ⁴ , Mini PCI Express Adapter, Broadcom® BCM4312	
Bluetooth™	None	
Modem	None	
Ethernet	10/100 ethernet, Broadcom® BCM5906M	
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information
 US models announced October 23, 2009
 US models withdrawn effective February 2011

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Lenovo® G450 (2949) - NVIDIA (Windows 7) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-processor	GHz	Memory	Widescreen display	Cam-era	Discrete graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Keypad	Blue-tooth	Battery cells	Win7 preload	Avail date
2949-CGU	T6600	2.20	4GB	14.0" WXGA	0.3M	G210M	320GB ⁸	DVD±RW	Intel 5100 ²⁸	Gray	None	Blue	6-cell	Prem 64	Oct 09

- **14.0" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face.**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processo	<i>Widescreen flexibility; two-spindle</i> Intel® Core™ 2 Duo Processor T6600 with dual-core, 800MHz system bus, and 2MB L2 cache	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none"> • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee VirusScan® Plus (60 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Memory	4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available	
Diskette drive	None	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	14.0" (355.6mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus	
Discrete graphics	NVIDIA® GeForce® G210M , PCI Express® x16, 512MB memory, DirectX® 10.1, PureVideo® HD technology, VGA, HDMI, HDCP-compliant	
Keyboard	Full-size keyboard, Fn keys, recovery key	
Numeric keypad	None	
Multimedia controls	Touch-sensitive volume control panel	90-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant Limited Warranty¹² ⇨ 1-year warranty* : * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options (in eligible locations):⁹ <ul style="list-style-type: none"> • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions ³	<i>(WxDxH)</i> : 13.6" x 9.3" x 1.03" to 1.41"; 345mm x 235mm x 26.2 to 35.9mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 4.87 lb (2.21kg)	
Case color	Gray top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>6-cell</i> : up to 3.6 hr	
Chipset	Mobile Intel GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)	
ExpressCard/34	One slot (ExpressCard/34)	
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
Mini PCI Express	One Mini PCI Express slot	
Intel 5100 ²⁸	11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)	
Bluetooth™	Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator	
Modem	None	
Ethernet	10/100 ethernet, Broadcom® BCM5906M	
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information
 US model announced October 23, 2009
 US model withdrawn effective February 2011

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Lenovo® G455 (0708) - Windows 7 (web only models) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Numeric Keypad	Blue-tooth	Battery cells	Win7 preload	Avail date
0708-32U	M320	2.10	3GB	14.0" HD	0.3M	HD 4200	320GB ⁸	DVD±RW	11b/g/n ²⁸	Gray	None	Blue	6-cell	Prem 32	Feb 10

- **14.0" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **This system is Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning	<i>Widescreen flexibility; two-spindle</i>	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 32 Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (DVD±RW) 65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant Limited Warranty¹² ⇨ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Processors	AMD® Athlon™ II Dual-Core processor M320 with dual-core, integrated DDR2 memory controller, and 1MB L2 cache	
Memory	3GB std / 4GB max ⁷ / PC2-6400 800MHz DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available	
Diskette drive	None	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	14.0" (355.6mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus	
Integrated graphics	ATI™ Mobility Radeon™ HD 4200 Graphics , in M880G, external analog monitor support via VGA DB-15 connector	
Keyboard	Full-size keyboard, 6-row, recovery key	
Numeric keypad	None	
Multimedia controls	Multimedia Fn keys	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions ³	(<i>WxDxH</i>): 13.6" x 9.3" x 1.03" to 1.41"; 345mm x 235mm x 26.2 to 35.9mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 4.85 lb (2.2kg)	
Case color	Gray top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>6-cell</i> : up to 4 hr	
Chipset	AMD M880G Chipset , SB710 south bridge	
ExpressCard/34	None	
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCIe Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card adapter	
Bluetooth™	Bluetooth 2.1 wireless, USB 2.0 interface	
Modem	None	
Ethernet	10/100 ethernet, ATHEROS® AR8132	
Audio support	High Definition (HD) Audio, CX20561-12Z codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information
 US model announced February 23, 2010
 US model withdrawn effective February 2011

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Lenovo G550



Lenovo G550



Lenovo G550



Lenovo G550

Type-model	Pro-processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	Chipset	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Card reader	Express-Card	Battery cells	Vista preload	Avail date
2958-2CU	T4200	2.00	2GB	15.6" WXGA	Cam	4500M	GL40	250GB ⁸	DVD±RW	11b/g ¹¹	Gray	/34		6-cell	Prem 32	Jul 09
2958-2DU	T4200	2.00	3GB	15.6" WXGA	Cam	4500M	GL40	250GB	DVD±RW	11b/g	Gray	/34		6-cell	Prem 32	Jul 09
2958-2BU	T4200	2.00	4GB	15.6" WXGA	Cam	4500M	GL40	320GB	DVD±RW	11b/g	Gray	/34		6-cell	Prem 64	Jul 09
2958-45U	T4200	2.00	4GB	15.6" WXGA	Cam	4500M	GL40	320GB	DVD±RW	11b/g	Black			6-cell	Prem 64	Aug 09
2958-3AU	T4200	2.00	4GB	15.6" WXGA	Cam	4500M	GL40	320GB	DVD±RW	11b/g	Black			6-cell	Prem 64	Aug 09
2958-3EU	T6500	2.10	4GB	15.6" WXGA	Cam	4500MHD	GM45	320GB	DVD±RW	Intel 5100	Gray	5-in-1	/34	6-cell	Prem 64	Aug 09
2958-3CU	T6500	2.10	4GB	15.6" WXGA	Cam	4500MHD	GM45	250GB	DVD±RW	Intel 5100	Gray	5-in-1	/34	6-cell	Prem 64	Aug 09
2958-3BU	T6500	2.10	4GB	15.6" WXGA	Cam	4500MHD	GM45	320GB	DVD±RW	Intel 5100	Gray	5-in-1	/34	6-cell	Prem 64	Aug 09

- 15.6" widescreen, glossy display
- Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face.
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Positioning Processor	Widescreen flexibility; two-spindle Intel® Pentium® Processor T4200 with dual-core, 800MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T6500 with dual-core, 800MHz system bus, and 2MB L2 cache	Preloaded operating system ²⁰ - Some: Genuine Windows® Vista® Home Premium 32 - Some: Genuine Windows Vista Home Premium 64
Memory	2GB, 3GB, or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; 1 socket available	◆ Vista Premium logo Preloaded applications ¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Diskette drive	None	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	250GB (5400 rpm) or 320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable	
Widescreen display	15.6" (396.2mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus	
Integrated graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40, one VGA DB-15 port; <i>Some:</i> Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45 one VGA DB-15 port, one HDMI port (HDCP-compliant); <i>Max external resolution:</i> 2048x1536@75Hz (DB-15 port)	
Keyboard	Full-size keyboard, Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Multimedia controls	<i>Gray models:</i> Touch-sensitive volume control panel	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions ³	(WxDxH): 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm	65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant
Weight ²	with optical drive and battery: <i>6-cell:</i> from 5.95 lb (2.7 kg)	
Case color	Gray or Black top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>6-cell:</i> up to 3.8 hr	Limited Warranty ¹² ⇒ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇒ Mail In repair service ⇒ Service upgrade options (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇒ Toll-free support for warranty issues during the warranty period ¹² via 877-453-6686
Chipset	<i>Some:</i> Mobile Intel GL40 Express Chipset (Memory Controller Hub), <i>Some:</i> Mobile Intel GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)	
ExpressCard/34	<i>Some:</i> One slot (ExpressCard/34)	
Multicard reader	<i>Some:</i> 5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Three USB 2.0, external monitor (HDMI on some models, VGA), ethernet (RJ-45)	
TV tuner	None	
Mini PCI Express	One Mini PCI Express slot	
11b/g ¹¹	<i>Some:</i> 11b/g wireless ⁴ , Mini PCI Express Adapter, Broadcom® BCM4312	
Intel 5100 ²⁸	<i>Some:</i> 11a/b/g/n, Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)	
Bluetooth™	None	
Modem	None	
Ethernet	10/100 ethernet, Broadcom® BCM5906M	
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information
US models announced July 8 or August 19, 2009
US models withdrawn effective October 2009 or February, 2011

Lenovo® G550 (2958) - GMA (October 2009) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	Chipset	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Card reader	Express-Card Blue-tooth	Preload	Avail date
2958-A5U	T4300	2.10	3GB	15.6" WXGA	0.3M	4500M	GL40	250GB ⁸	DVD±RW	11b/g ¹¹	Black		None	XP Pro	Oct 09
2958-A4U	T6600	2.20	3GB	15.6" WXGA	0.3M	4500MHD	GM45	320GB	DVD±RW	Intel 5100 ²⁸	Black	5-in-1	None	XP Pro	Oct 09

- **15.6" widescreen, glossy display**
- **Integrated 0.3 megapixel camera**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> 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										Preloaded operating system²⁰ - Windows XP Professional preinstalled through downgrade rights in Genuine Windows 7 Professional				
Memory	3GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available;										Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Lenovo Energy Management Software • Corel® WinDVD® (DVD±RW)				
Diskette drive	None														
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in														
SATA disk	250GB (5400 rpm) or 320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable														
Widescreen display	15.6" (396.2mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio														
Camera	Camera on top of screen, 0.3-megapixel, fixed focus														
Integrated graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40, one VGA DB-15 port; <i>Some:</i> Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45 one VGA DB-15 port, one HDMI port (HDCP-compliant); <i>Max external resolution:</i> 2048x1536@75Hz (DB-15 port)														
Keyboard	Full-size keyboard, Fn keys, recovery key														
Numeric keypad	Numeric keypad on right of keyboard														
Multimedia controls	None										Limited Warranty¹² ⇨ 1-year warranty* : * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options (in eligible locations):⁹ • 3-year Mail In warranty with ADP 55Y2507 • 1-year Mail In warranty with ADP 55Y2511 • 3-year Mail In warranty with ADP 55Y2513 • 3-year Onsite warranty 55Y2510 • 1-year Onsite warranty with ADP 55Y2514 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686				
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)														
Dimensions ³	<i>(WxDxH):</i> 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm														
Weight ²	with optical drive and battery: <i>6-cell:</i> from 5.95 lb (2.7 kg)														
Case color	Gray or Black top, black bottom														
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic														
Battery - type	Lithium Ion 6-cell														
Battery - life ¹⁰	<i>6-cell:</i> up to 3.8 hr														
Chipset	<i>Some:</i> Mobile Intel GL40 Express Chipset (Memory Controller Hub), <i>Some:</i> Mobile Intel GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)														
ExpressCard/34	None														
Multicard reader	<i>Some:</i> 5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)														
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)														
TV tuner	None														
Mini PCI Express	One Mini PCI Express slot														
11b/g ¹¹	<i>Some:</i> 11b/g wireless ⁴ , Mini PCI Express Adapter, Broadcom® BCM4312														
Intel 5100 ²⁸	<i>Some:</i> 11a/b/g/n, Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)														
Bluetooth™	None														
Modem	None														
Ethernet	10/100 ethernet, Broadcom® BCM5906M														
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)														
Security	Power-on password, hard disk password, supervisor password, security lockhole														
Fingerprint reader	None														

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

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 (APX1-3) October 2010

Lenovo® G550 (2958) - GMA (Windows 7) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	Chipset	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Card reader	Express-Card	Blue-tooth	Win7 preload	Avail date
2958-ACU	T4300	2.10	3GB	15.6" WXGA	0.3M	4500M	GL40	250GB ⁸	DVD±RW	11b/g ¹¹	Black				Prem 32	Oct 09
2958-A3U	T4300	2.10	4GB	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Gray	/34			Prem 64	Oct 09
2958-E9U	T6600	2.20	4GB	15.6" WXGA	0.3M	4500MHD	GM45	250GB	DVD±RW	Intel 5100 ²⁸	Gray	5-in-1	/34		Prem 64	Oct 09
2958-R6U	T4300	2.10	3GB	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Gray	/34			Prem 32	Oct 09
2958-HJU	T4300	2.10	4GB	15.6" WXGA	0.3M	4500M	GL40	320GB	DVD±RW	11b/g	Gray	/34	Blue		Prem 64	Oct 09
2958-HHU	T6600	2.20	2GB	15.6" WXGA	0.3M	4500M	GL40	160GB	DVD±RW	11b/g	Gray	/34			Prem 32	Oct 09
2958-6SU	T4400	2.20	4GB	15.6" WXGA	0.3M	4500M	GL40	320GB	DVD±RW	11b/g	Gray	/34			Prem 64	Dec 09
2958-6TU	T6600	2.20	3GB	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Gray	/34			Prem 64	Dec 09
2958-FDU	T4400	2.20	4GB	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Black				Prem 64	Apr 10
2958-9PU	T4500	2.30	4GB	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Black				Prem 64	Jul 10
2958-8GU	Cel 900	2.20	3GB	15.6" WXGA	0.3M	4500M	GL40	160GB	DVD±RW	11b/g	Black				Prem 32	Aug 10
2958-XFU	Cel 900	2.20	2GB	15.6" WXGA	0.3M	4500M	GL40	160GB	DVD±RW	11b/g	Black				Prem 64	Aug 10
2958-LFU	Cel 900	2.20	3GB	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Black				Prem 32	Aug 10
2958-LEU	Cel 900	2.20	4GB	15.6" WXGA	0.3M	4500M	GL40	500GB	DVD±RW	11b/g	Black				Prem 64	Aug 10

- 15.6" widescreen, glossy display
- Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Positioning Processor	Widescreen flexibility; two-spindle Intel® Celeron® Processor 900 with single-core, 800MHz system bus, and 1MB L2 cache or Intel Pentium® processor T4300, T4400, or T4500 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	Preloaded operating system ²⁰ - Some: Genuine Windows 7 Home Premium 32 - Some: Genuine Windows 7 Home Premium 64
Memory	2GB, 3GB, or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; 1 socket available	Preloaded applications ¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Diskette drive	None	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	160GB (5400 rpm), 250GB (5400 rpm), 320GB (5400 rpm), or 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable	
Widescreen display	15.6" (396.2mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus	
Integrated graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40, one VGA DB-15 port; <i>Some:</i> Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, one VGA DB-15 port, one HDMI port (HDCP-compliant); <i>Max external resolution:</i> 2048x1536@75Hz (DB-15 port)	
Keyboard	Full-size keyboard, Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Multimedia controls	<i>Gray models:</i> Touch-sensitive volume control panel	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions ³	(WxDxH): 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm	65-watt AC adapter
Weight ²	with optical drive and battery: <i>6-cell:</i> from 5.95 lb (2.7 kg)	Wireless on/off switch
Case color	Gray or Black top, black bottom	ENERGY STAR® 5.0-compliant
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	RoHS-compliant
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>6-cell:</i> up to 3.8 hr	Limited Warranty ¹²
Chipset	<i>Some:</i> Mobile Intel GL40 Express Chipset (Memory Controller Hub), <i>Some:</i> Mobile Intel GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)	⇒ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter
ExpressCard/34	<i>Some:</i> One slot (ExpressCard/34)	⇒ Mail In repair service
Multicard reader	<i>Some:</i> 5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	⇒ Service upgrade options (in eligible locations): ⁹
Ports	Three USB 2.0, external monitor (HDMI on some models, VGA), ethernet (RJ-45)	• 3-year Depot warranty 78Y1538
TV tuner	None	• 1-year Mail In with accidental damage protection 55Y2511
Mini PCI Express	One Mini PCI Express slot	• 3-year Mail In with accidental damage protection 78Y1539
11b/g ¹¹	<i>Some:</i> 11b/g wireless ⁴ , Mini PCI Express Adapter, Broadcom® BCM4312	• 3-year Onsite warranty 78Y1540
Intel 5100 ²⁸	<i>Some:</i> 11a/b/g/n, Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)	• 1-year Onsite with accidental damage protection 78Y1533
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator	⇒ Toll-free support for warranty issues during the warranty period ¹² via 877-453-6686
Modem	None	
Ethernet	10/100 ethernet, Broadcom® BCM5906M	
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information
US models announced October 23 or December 17, 2009, April 28, July 28, or August 4, 2010
US models withdrawn effective February, 2011

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Lenovo® G555 (0873) - Windows 7 - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Numeric Keypad	Blue-tooth	Battery cells	Win7 preload	Avail date
0873-25U	M320	2.10	2+1GB	15.6" HD	0.3M	HD 4200	160GB ⁸	DVD±RW	11b/g/n ²⁸	Black	Keypad	None	6-cell	Prem 32	Feb 10
0873-74U	M340	2.20	2GBx1	15.6" HD	0.3M	HD 4200	160GB ⁸	DVD±RW	11b/g/n	Black	Keypad	None	6-cell	Prem 32	Aug 10

- 15.6" widescreen, glossy display
- Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle AMD® Athlon™ II Dual-Core processor M320 or M340 with dual-core, integrated DDR2 memory controller, and 1MB L2 cache	Preloaded operating system²⁰ - Genuine Windows 7 Home Premium 32
Memory	2GB or 3GB std / 4GB max ⁷ / PC2-6400 800MHz DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets;	Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Diskette drive	None	65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	160GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	Limited Warranty¹² ⇨ 1-year warranty* : * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options⁵⁸ (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Widescreen display	15.6" (396.2mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy), CCFL backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus	
Integrated graphics	ATI™ Mobility Radeon™ HD 4200 Graphics , in M880G, external analog monitor support via VGA DB-15 connector	
Keyboard	Full-size keyboard, 6-row, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Multimedia controls	Multimedia Fn keys	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions ³	(WxDxH): 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm	
Weight ²	with optical drive and battery: 6-cell: from 5.95 lb (2.7 kg)	
Case color	Black top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	6-cell: up to 4 hr	
Chipset	AMD M880G Chipset , SB710 south bridge	
ExpressCard/34	None	
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card Adapter	
Bluetooth™	None	
Modem	None	
Ethernet	10/100 ethernet, ATHEROS® AR8132	
Audio support	High Definition (HD) Audio, CX20561-12Z codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information
 US models announced February 23 or August 4, 2010
 US models withdrawn effective February, 2011

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Lenovo® G555 (0873) - Windows 7 (web only models) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Numeric Keypad	Blue-tooth	Battery cells	Win7 preload	Avail date
0873-72U	M520	2.30	2+1GB	15.6" HD	0.3M	HD 4200	320GB ⁸	DVD±RW	11b/g/n ²⁸	Black	Keypad	Blue	6-cell	Prem 32	Feb 10
0873-26U	M320	2.10	2GBx2	15.6" HD	0.3M	HD 4200	500GB	DVD±RW	11b/g/n	Black	Keypad	Blue	6-cell	Prem 64	Aug 10

- 15.6" widescreen, glossy display
- Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle AMD® Athlon™ II Dual-Core processor M320 with dual-core, integrated DDR2 memory controller, and 1MB L2 cache or AMD Turion™ II Dual-Core Mobile processor M520 with dual-core, integrated DDR2 memory controller, and 1MB L2 cache										Preloaded operating system²⁰ - Some: Genuine Windows 7 Home Premium 32 - Some: Genuine Windows 7 Home Premium 64				
Memory	3GB or 4GB std / 4GB max ⁷ / PC2-6400 800MHZ DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets;										Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)				
Diskette drive	None										65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant				
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in														
SATA disk	320GB (5400 rpm) or 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high										Limited Warranty¹² ⇨ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options ⁵⁸ (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 ⇨ Toll-free support for warranty issues during the warranty period ¹² via 877-453-6686				
Widescreen display	15.6" (396.2mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy), CCFL backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio														
Camera	Camera on top of screen, 0.3-megapixel, fixed focus														
Integrated graphics	ATI™ Mobility Radeon™ HD 4200 Graphics , in M880G, external analog monitor support via VGA DB-15 connector														
Keyboard	Full-size keyboard, 6-row, recovery key														
Numeric keypad	Numeric keypad on right of keyboard														
Multimedia controls	Multimedia Fn keys														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)														
Dimensions ³	(WxDxH): 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm														
Weight ²	with optical drive and battery: 6-cell: from 5.95 lb (2.7 kg)														
Case color	Black top, black bottom														
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic														
Battery - type	Lithium Ion 6-cell														
Battery - life ¹⁰	6-cell: up to 4 hr														
Chipset	AMD M880G Chipset , SB710 south bridge														
ExpressCard/34	None														
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)														
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)														
TV tuner	None														
PCIe Mini Card	One PCI Express Mini Card slot														
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card Adapter														
Bluetooth™	Bluetooth 2.1 wireless														
Modem	None														
Ethernet	10/100 ethernet, ATHEROS® AR8132														
Audio support	High Definition (HD) Audio, CX20561-12Z codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)														
Security	Power-on password, hard disk password, supervisor password, security lockhole														
Fingerprint reader	None														

See footnotes for important warranty information
US models announced February 23 or August 4, 2010
US models withdrawn effective February, 2011

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²⁸ **The IEEE 802.11n specification (MIMO)** has been finalized and is currently in IEEE 802.11n-2009 release. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, 11b/g/n, or 11a/b/g/n can communicate on any of its supported formats.

⁵⁸ **Service upgrade options for Split Warranty:** (1) Mail In upgrades cover all components except power adapter, keyboard, plastics, and hinges after 90 days through end of first year. The "Mail-In" upgrades require customer to pay the leg of shipping into the depot repair center. (2) Onsite upgrades cover all components except power adapter, keyboard, plastics, and hinges after 90 days through end of term selected. (3) Accidental Damage Protection covers all components through the end of the term selected.

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