

ThinkPad[®]

*Personal Systems Reference
Lenovo[®] ThinkPad[®] SL Notebooks
2008 to present - withdrawn*

February 2013 - Version 432



ThinkPad Edge 13"

ThinkPad®



Lenovo® ThinkPad Edge E220s



Lenovo ThinkPad Edge E220s



Lenovo ThinkPad Edge E220s



Lenovo ThinkPad Edge E220s



Lenovo ThinkPad Edge E220s



Lenovo ThinkPad Edge E220s

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN /mSATA	Carrier	Finger print reader	Blue-tooth	Bat-tery cells	Preload
5038-2NU	i7-2617M	4GBx1	12.5" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	8	Pro 64
5038-2MU	i7-2617M	4GBx1	12.5" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	8	Prem 64
5038-2LU	i5-2537M	4GBx1	12.5" HD	720p	320G 7200	TP 11b/g/n	None	None	Finger	Blue	8	Prem 64
5038-2KU	i5-2537M	4GBx1	12.5" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	8	Pro 64
5038-4DU	i3-2357M	4GBx1	12.5" HD	720p	320G 7200	TP 11b/g/n	None	None	Finger	Blue	8	Prem 64
5038-4EU	i3-2357M	4GBx1	12.5" HD	720p	320G 7200	TP 11b/g/n	None	None	Finger	Blue	8	Pro 64
5038-4MU	i5-2467M	4GBx1	12.5" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	8	Pro 64
5038-55U	i5-2467M	4GBx1	12.5" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	8	Prem 64
5038-56U	i5-2467M	4GBx1	12.5" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	8	Pro 64
5038-57U	i3-2367M	4GBx1	12.5" HD	720p	320G 7200	TP 11b/g/n	None	None	Finger	Blue	8	Pro 64
5038-6KU	i5-2467M	4GBx1	12.5" HD	720p	500G 5400	Intel 1000	None	None	Finger	Blue	8	Pro 64

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Elegant design with quality, reliability, and portability for SMB customers; one spindle Intel® Core™ i3-2357M processor (dual-core, 1.30GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), Hyper-Threading technology Intel Core i3-2367M processor (dual-core, 1.40GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), Hyper-Threading technology Intel Core i5-2467M processor (dual-core, 1.60GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.30GHz), HT technology Intel Core i5-2537M processor (dual-core, 1.40GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.30GHz), HT technology Intel Core i7-2617M processor (dual-core, 1.50GHz, 4MB Cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.60GHz), HT technology</i>									Preloaded operating system ²⁰	
Memory	4GB max ⁷ / PC3-10600 1333MHz DDR3, non-parity, one 204-pin SO-DIMM socket									Some: Genuine Windows® 7 Home Premium 64	
Optical SATA disk	None <i>Some:</i> Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> removable, upgradable, Shock Mounted Hard Drive									Some: Genuine Windows 7 Professional 64	
mSATA	None									Ready to install applications ¹⁴ (only some listed)	
Widescreen display	12.5" (317.5mm) HD (1366x768) color, anti-glare display with glossy infinity glass, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio									• Rescue and Recovery™	
Camera	HD720p resolution, wide view angle, low light sensitive, fixed focus									• Access Connections™	
Graphics	Intel HD Graphics 3000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution:</i> 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI port)@60Hz									• Fingerprint Software (fingerprint models)	
Keyboard TrackPoint®	6-row, spill-resistant, multimedia Fn keys									• Password Manager (fingerprint models)	
Touch pad	TrackPoint pointing device, Internet Scroll Bar ¹³									• ThinkVantage System Update	
ThinkLight™	UltraNav™, buttonless touchpad below keyboard, Tap Zones, scrolling regions, multi-touch illuminates the keyboard to improve visibility in low-light conditions									• ThinkVantage Power Manager	
Dimensions ³	12.5W" (WxDxH): 12.32" x 8.41" x 0.86"; 313mm x 213.5mm x 21.9mm									• ThinkVantage Toolbox	
Weight ²	starting at 3.23 lb (1.46kg)									Preloaded applications ¹⁴ (only some listed)	
Case color	Moss Black soft touch finish, authentic metal accents									• Norton™ Internet Security 2011 (30 days of virus definitions)	
Case material	Magnesium/Aluminum + PPS									• Adobe® Reader®	
Battery - type ³⁷	Integrated Lithium Ion 8-cell, 1000 cycle battery									• Skype™ for Windows	
Battery - life ¹⁰	8-cell (40.7Whr): up to 6.0 hr									• Windows Live™ Essentials	
Chipset	Mobile Intel HM65 Express Chipset									• Microsoft Office 2010 preloaded; purchase product key to activate	
ExpressCard/34	None									• Adobe Acrobat® X Standard (bundled with Microsoft Office)	
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)										
Ports	Two USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)										
PCIe Mini Card WLAN ⁴	Two PCI Express Mini Card slots <i>Some:</i> 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 <i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2									Supports ThinkVantage® technologies	
WWAN Modem	None									65-watt AC adapter	
Bluetooth™	None									EPEAT™ Gold rating	
Ethernet	Realtek® RTL8111E Gigabit Network Connection									ENERGY STAR® 5.0-compliant	
Intel AMT	None									RoHS-compliant	
Audio support	High Definition (HD) Audio, Conexant 20671 codec, Dolby® Home Theater® v4 / stereo speakers, 1 watt x 2 / mono digital microphone, combo audio/mic jack									International Warranty Service ¹⁷	
Security	Power-on password, hard disk password, supervisor password, security keyhole									24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²	
Security chip	None									For compatible accessories, please go to O-E220-S sheet;	
Fingerprint reader	UEPK Fingerprint reader on palm rest, swipe sensor									For Lenovo ²² service upgrade options, please go to S-EDGE sheet	
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available										

See footnotes for more detailed information

US model(s) announced December 20, 2011; previous model(s) on April 19,

June 21, July 5 or October 4, 2011

US model(s) withdrawn effective May 2012

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(AMS1-1) February 2013

Memory			Power adapters	
2GB PC3-10600 DDR3 L-H SODIMM	55Y3710	ann 03/02/10	ThinkPad 65W AC Adapter ⁴⁵	40Y7696 ann 01/05/06
2GB PC3-10600 DDR3 L-H SODIMM (25Pack)	57Y4416	ann 03/02/10	⁴⁵ Only compatible with the integrated graphics models.	
4GB PC3-10600 DDR3 L-H SODIMM	55Y3711	ann 03/02/10	ThinkPad 90W AC Adapter	40Y7659 ann 09/20/05
Storage and removable storage			90W Ultraslim AC/DC Combo Adapter	41R4493 ann 09/22/09
USB 2.0 Portable 320GB Hard Disk	45K1689	ann 03/17/09	More info at www.lenovo.com/support/poweradapters	
USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09	<i>Charging tips for 90W Ultraslim AC/DC Combo Adapter</i> 41R4493	
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	ann 11/18/08	• iPod and iPhone Charge Tip (L10a) 41R4481 ann 12/18/07	
USB 3.0 Secure 500GB Hard Drive	0A65619	ann 11/29/11	• Generic Micro USB charge tip (L18) 41R4490 ann 01/06/09	
USB 3.0 Secure 750GB Hard Drive	0A65616	ann 11/29/11		
USB 3.0 Secure 1TB Hard Drive	0A65621	ann 08/28/12		
Lenovo Slim USB Portable DVD Burner	0A33988	ann 06/14/11	More information at www.lenovopowertips.com	
ThinkPad Expansion			Carrying Cases	
Lenovo® Essential Notebook Stand	45J9292	ann 05/12/09	<i>Up to 13.3" widescreen models:</i>	
USB 2.0 Port Replicator with Digital Video	0A33942	ann 03/22/11	ThinkPad Ultraportable Case 41U5062 ann 05/13/08	
Keyboard			<i>Up to 15.6" widescreen models:</i>	
TrackPoint Cap Collection	73P2698	ann 12/16/03	Lenovo Messenger Max 41U5253 ann 05/01/07	
Ultraslim Plus Wireless Keyboard and Mouse ⁵²	0A34032	ann 04/05/11	Lenovo Performance BackPack 41U5254 ann 05/01/07	
USB Numeric Keypad	33L3225	ann 05/01/00	ThinkPad Business Topload Case 43R2476 ann 05/13/08	
Preferred Pro USB Keyboard	73P5220	ann 06/21/05	ThinkPad Business Backpack 43R2482 ann 05/13/08	
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04	ThinkPad Deluxe Expander Case 43R2478 ann 05/13/08	
Lenovo Mini Wireless Keyboard N5901 ⁵²	57Y6336		ThinkPad Executive Leather Case 43R2480 ann 05/13/08	
⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.			Lenovo Sport Backpack - Red 0A33896 ann 02/28/12	
ThinkPad USB Keyboard with TrackPoint	55Y9003	ann 08/18/09	Lenovo Sport Slimcase - Red 0A33897 ann 02/28/12	
Lenovo USB Fingerprint Keyboard	73P4730	ann 02/22/05	Lenovo Sport Messenger - Red 0A33898 ann 02/28/12	
Lenovo USB Smartcard Keyboard	51J0155	ann 03/24/09		
Mouse			More information at www.lenovo.com/support/cases	
ThinkPad Bluetooth Laser Mouse	0A36407	ann 06/26/12	Monitors	
Lenovo Optical Mouse (USB)	06P4069	ann 05/21/03	ThinkVision® L1711p 17" (VGA, DVI-D) 5047HB2 ann 10/20/09	
Lenovo Laser Mouse (USB)	41U3074	ann 01/23/07	ThinkVision L1900p 19" (VGA, DVI-D) 4431HE1 ann 11/11/08	
ThinkPad USB Laser Mouse	57Y4635	ann 12/15/09	ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ⁶⁹ 2448MB6 ann 09/13/11	
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405	ann 08/27/02	ThinkVision L2250p Wide 22" (VGA, DVI-D) 2572HB6 ann 10/20/09	
ThinkPad Travel Mouse (USB, Optical)	31P7410	ann 06/04/02	ThinkVision L2251x Wide 22" (VGA, DP) 2578HB6 ann 10/20/09	
Lenovo Wireless Laser Mouse ⁵²	0A36188	ann 12/20/11	ThinkVision LT2252p Wide 22" (VGA, DP, DVI-D) ⁶⁹ 2572MB6 ann 09/13/11	
⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.			ThinkVision LT2452p Wide 24" (VGA, DP, DVI-D) ⁶⁹ 4420MB2 ann 09/13/11	
Security			⁶⁹ DisplayPort cable is not included.	
Kensington® MicroSaver® Cable Lock	73P2582	ann 12/29/03	ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) 1452DS6 ann 08/16/11	
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08	Lenovo LS2421p Wide 23.6" (VGA, HDMI) 4015LS1 ann 08/02/11	
Lenovo Security Cable Lock	57Y4303	ann 08/24/10		
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06	More information at www.lenovo.com/support/monitors	
Multimedia			Monitor Accessories⁴⁶	
ThinkPad In-Ear Headphones with mic	57Y4488	ann 01/07/10	Lenovo USB Soundbar 0A36190 ann 05/01/12	
Lenovo Mini Speakers M220	55Y2033	ann 01/07/10	Lenovo HDMI to HDMI Monitor Cable 0B47070 ann 05/22/12	
Modem			Lenovo HDMI to VGA Monitor Cable 0B47069 ann 06/26/12	
USB 2.0 Lenovo Modem	43R1814	ann 02/26/08	Lenovo USB-to-DVI Monitor Adapter 45K5296 ann 05/12/09	
			Kensington MicroSaver Cable Lock 73P2582 ann 12/29/03	
			Kensington Twin Head Cable Lock 45K1620 ann 09/30/08	
			Lenovo Security Cable Lock 57Y4303 ann 08/24/10	
			Lenovo Easy Reach Monitor Stand 55Y9258 ann 09/22/09	
			⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.	
			More information at www.lenovo.com/support/monitoraccessories	
			For more information on accessories: www.lenovo.com/accessories Purchase Lenovo accessories	
			www.lenovo.com/support/accessories Product specifications on Lenovo Support	
			www.lenovo.com/accessoriesguide Option Compatibility Matrix (OCM) and accessory brochures	
			www.lenovoquickpick.com An Options Compatibility Configurator for Lenovo systems	

ThinkPad®



Lenovo® ThinkPad Edge 13"



Lenovo ThinkPad Edge 13"
(Glossy black model)



Lenovo ThinkPad Edge 13"
(Glossy red model)



ThinkPad Battery 73+ (6-cell) 57Y4565
ThinkPad Battery 73 (4-cell) 57Y4564



USB 2.0 Portable DVD Burner
43N3264



Lenovo ThinkPad Edge 13"

Type-model	Processor	GHz	Memory	Wide-screen display	Camera	Integrated graphics	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Top color	Blue-tooth	Battery cells	Preload	Avail date
0196-5QU	SU7300	1.30	4GB	13.3" HD	0.3M	GMA	320G 7200	Intel 1000	None	Matte black	Blue	6	XP Pro	Jul 10

- This small and medium business (SMB) model is part of the US TopSeller™ Program

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; one spindle Intel® Core™ 2 Duo processor SU7300 with ultra low voltage, dual-core, 800MHz system bus, and 3MB L2 cache</i>										Preloaded operating system²⁰ - Windows® XP Professional preinstalled through downgrade rights in Genuine Windows 7 Professional 32			
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										Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none">• Rescue and Recovery™• Access Connections™• Password Manager• ThinkVantage Power Manager• ThinkVantage System Update• ThinkVantage Toolbox• Adobe® Reader®• Adobe Flash® Player• Skype™ for Windows			
Optical drive SATA disk	None (use optional USB Portable DVD Burner 43N3264) 320GB⁸ (7200 rpm) / SATA 1.5Gb/s or 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™													
Widescreen display Camera	13.3" (338mm) HD (1366x768) color, VibrantView (glossy), LED backlight , 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Camera on top of screen, 0.3-megapixel, low light sensitive													
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GS45, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution: 2048x1536 @75Hz</i>													
Keyboard TrackPoint® Touch pad	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch													
ThinkLight™	None										Supports ThinkVantage® technologies			
Dimensions ³ Weight ² Case color	13.3W" (WxDxH): 12.7" x 9.0" x 1.0"; 322 x 228mm x 25.4mm (excluding battery bump) 4-cell: starting at 3.59 lb (1.63kg); 6-cell: starting at 3.81 lb (1.73kg) Matte black (top), trimmed with a thin silver band (side); black bottom										65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378			
Case material Battery - type ³⁷ Battery - life ¹⁰	Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 4-cell: up to 5.3 hr; 6-cell: up to 8.0 hr													
Chipset	Mobile Intel GS45 Express Chipset (Graphics Memory Controller Hub); ICH9M I/O Controller Hub													
ExpressCard Smart Card Read	None										ThinkPlus™ 22 1-year LOR ²⁴ 9x5 NBD 45K5968			
Multicard Reader Ports	5-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, XD) Three USB 2.0 (one powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)										ThinkPlus 2-year LOR 9x5 NBD 45K5969			
PCle Mini Card Intel 1000 WWAN upg	Two PCI Express Mini Card slots 11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 None										ThinkPlus 3-year LOR 9x5 NBD 45K5970			
Modem	None										ThinkPlus 4-year LOR 9x5 NBD 45K5973			
Bluetooth™ Ethernet	Bluetooth 2.1 wireless Realtek® RTL8111DL Gigabit Network Connection										ThinkPlus 2-year P&L P/U Depot 45K5971			
Intel AMT	None										ThinkPlus 3-year P&L P/U Depot 45K5972			
Audio support	High Definition (HD) Audio, Conexant® CX20582 codec / stereo speakers, 1 watt x 2/ mono microphone, combo audio/mic jack										ThinkPlus 4-year P&L P/U Depot 45K5974			
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None None										Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty			
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available													

See footnotes for important warranty information

US model announced July 6, 2010

US model withdrawn effective October 2010

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(PAR1-3) October 2010

Type-model	Processor	GHz	Memory	Wide-screen display	Integrated graphics	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Top color	Blue-tooth	Battery cells	Preload	Avail date
0196-24U	SU7300	1.30	3GB	13.3" HD	0.3M	GMA 320G 7200	Intel 1000	None	Matte black	Blue	6	Pro 32	Jan 10
0196-4YU	SU7300	1.30	3GB	13.3" HD	0.3M	GMA 320G 7200	Intel 1000	None	Glossy black	Blue	6	Pro 32	Jan 10
0196-5DU	SU7300	1.30	2GB	13.3" HD	0.3M	GMA 250G 5400	Intel 1000	None	Glossy red		6	Pro 32	Apr 10
0196-5EU	SU7300	1.30	3GB	13.3" HD	0.3M	GMA 250G 5400	WiMAX	None	Matte black	Blue	6	Pro 32	Apr 10
0196-5FU	SU7300	1.30	2GB	13.3" HD	0.3M	GMA 250G 5400	Intel 1000	None	Matte black		6	Home P 64	Apr 10

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; one spindle Intel® Core™ 2 Duo processor SU7300 with ultra low voltage, dual-core, 800MHz system bus, and 3MB L2 cache</i>											Preloaded operating system²⁰
Memory	2GB or 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; <i>Non-italics:</i> standard memory in one socket; one socket available											- Some: Genuine Windows® 7 Home Premium 64
Optical drive	None (use optional USB Portable DVD Burner 43N3264) 250GB⁸ (5400 rpm) or 320GB (7200 rpm) / SATA 1.5Gb/s or 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™											- Some: Genuine Windows 7 Professional 32
Widescreen display	13.3" (338mm) HD (1366x768) color, VibrantView (glossy), LED backlight , 200 nits, 16:9 aspect ratio, 400:1 contrast ratio											Preloaded applications¹⁴ (only some listed)
Camera	Camera on top of screen, 0.3-megapixel, low light sensitive											• Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage Power Manager • ThinkVantage System Update • ThinkVantage Toolbox • Norton™ Internet Security 2009 (30 days of virus definitions) • Adobe® Reader® • Adobe Flash® Player • Skype™ for Windows • Microsoft Office 2010 preloaded; purchase product key to activate • Microsoft Research AutoCollage Touch
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GS45, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution:</i> 2048x1536 @ 75Hz											
Keyboard	6-row, spill-resistant, multimedia Fn keys											
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³											
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch											
ThinkLight™	None											
Dimensions ³	13.3W" (WxDxH): 12.7" x 9.0" x 1.0" ; 322 x 228mm x 25.4mm (excluding battery bump)											Supports ThinkVantage® technologies
Weight ²	4-cell: starting at 3.59 lb (1.63kg); 6-cell: starting at 3.81 lb (1.73kg)											
Case color	Matte black (top), glossy black (top), or glossy red (top), trimmed with a thin silver band (side); black bottom											
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic											
Battery - type ³⁷	Lithium Ion 6-cell											
Battery - life ¹⁰	4-cell: up to 5.3 hr; 6-cell: up to 8.0 hr											
Chipset	Mobile Intel GS45 Express Chipset (Graphics Memory Controller Hub); ICH9M I/O Controller Hub											
ExpressCard	None											
Smart Card Read	None											
Multicard Reader	5-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, XD)											
Ports	Three USB 2.0 (one powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)											
PCIe Mini Card	Two PCI Express Mini Card slots											
Intel 1000	<i>Some:</i> 11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2											
WiMAX	<i>Some:</i> 11a/b/g/n and WiMAX wireless, PCIe Half Mini Card, Intel Centrino Advanced-N + WiMAX 6250, 2x2 AGN + 1x2 WiMAX											
WWAN upg	None											
Modem	None											
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless											
Ethernet	Realtek® RTL8111DL Gigabit Network Connection											
Intel AMT	None											
Audio support	High Definition (HD) Audio, Conexant® CX20582 codec / stereo speakers, 1 watt x 2/ mono microphone, combo audio/mic jack											
Security	Power-on password, hard disk password, supervisor password, security keyhole											
Security chip	None											
Fingerprint reader	None											
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available											
See footnotes for important warranty information												© Lenovo
US models announced January 5 or April 6, 2010												(PAR1-1) February 2011
US models withdrawn effective February 2011												

Type-model	Processor	GHz	Memory	Wide-screen display	Camera	Integrated graphics	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Top color	Blue-tooth	Battery cells	Preload	Avail date
0197-8CU	L325	1.50	3GB	13.3" HD	0.3M	HD 3200	250G 5400	11b/g/n	None	Matte black	None	6	XP Pro	Jul 10

- This small and medium business (SMB) model is part of the US TopSeller™ Program

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; one spindle AMD® Athlon™ Neo X2 Dual-Core processor L325 with dual-core, virtualization technology, integrated DDR2 memory controller, and 1MB L2 cache</i>													Preloaded operating system²⁰ - Windows® XP Professional preinstalled through downgrade rights in Genuine Windows 7 Professional 32
Memory	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													Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none">Rescue and Recovery™Access Connections™Password ManagerThinkVantage Power ManagerThinkVantage System UpdateThinkVantage ToolboxAdobe® Reader®Adobe Flash® PlayerSkype™ for Windows
Optical drive	None (use optional USB Portable DVD Burner 43N3264)													
SATA disk	250GB ⁸ (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™													
Widescreen display	13.3" (338mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio													
Camera	Camera on top of screen, 0.3-megapixel, low light sensitive													
Integrated graphics	ATI™ Radeon™ HD 3200 graphics, in M780G, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution: 2456x1536 @60Hz</i>													
Keyboard	6-row, spill-resistant, multimedia Fn keys													
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³													
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch													Supports ThinkVantage® technologies
ThinkLight™	None													
Dimensions ³	13.3W" (WxDxH): 12.7" x 9.0" x 1.0"; 322 x 228mm x 25.4mm (excluding battery bump)													
Weight ²	4-cell: starting at 3.61 lb (1.64kg); 6-cell: starting at 3.83 lb (1.74kg)													
Case color	Matte black (top), trimmed with a thin silver band (side); black bottom													
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic													
Battery - type ³⁷	Lithium Ion 6-cell													
Battery - life ¹⁰	L325 models with 4-cell: up to 3.3 hr; 6-cell: up to 5.0 hr													
Chipset	AMD M780G Chipset , SB710 south bridge													
ExpressCard	None													
Smart Card Read	None													
Multicard Reader	5-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, XD)													
Ports	Three USB 2.0 (one powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)													
PCIe Mini Card 11b/g/n WWAN upg	Two PCI Express Mini Card slots 11b/g/n wireless ⁴ , ThinkPad 11b/g/n, PCIe Half Mini Card, Realtek® RTL8191SE													
Modem	None													
Bluetooth™	None													
Ethernet	Realtek RTL8111DL Gigabit Network Connection													
Audio support	High Definition (HD) Audio, Conexant® CX20582 codec / stereo speakers, 1 watt x 2/ mono microphone, combo audio/mic jack													
Security chip	Power-on password, hard disk password, supervisor password, security keyhole													
Fingerprint reader	None													
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available													
See footnotes for important warranty information														
US model announced July 6, 2010														
US model withdrawn effective October 2010														

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(PAR1-4) October 2010

Type-model	Processor	GHz	Memory	Wide-screen display	Camera	Integrated graphics	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Top color	Blue-tooth	Battery cells	Preload	Avail date
0197-26U	L325	1.50	2GB	13.3" HD	0.3M	HD 3200	250G 5400	11b/g/n	None	Matte black	None	4	Home P 64	Jan 10
0197-27U	L325	1.50	<i>3GB</i>	13.3" HD	0.3M	HD 3200	250G 5400	11b/g/n	None	Matte black	None	6	Pro 32	Jan 10
0197-6XU	L325	1.50	<i>3GB</i>	13.3" HD	0.3M	HD 3200	250G 5400	11b/g/n	None	Glossy black	None	6	Pro 32	Jan 10

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; one spindle AMD® Athlon™ Neo X2 Dual-Core processor L325 with dual-core, virtualization technology, integrated DDR2 memory controller, and 1MB L2 cache</i>													Preloaded operating system ²⁰
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													- Some: Genuine Windows® 7 Home Premium 64
Optical drive	None (use optional USB Portable DVD Burner 43N3264)													- Some: Genuine Windows 7 Professional 32
SATA disk	250GB⁸ (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™													Preloaded applications ¹⁴ (only some listed)
Widescreen display	13.3" (338mm) HD (1366x768) color, VibrantView (glossy), LED backlight , 200 nits, 16:9 aspect ratio, 400:1 contrast ratio													• Rescue and Recovery™
Camera	Camera on top of screen, 0.3-megapixel, low light sensitive													• Access Connections™
Integrated graphics	ATI™ Radeon™ HD 3200 graphics , in M780G, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution:</i> 2456x1536@60Hz													• Password Manager
Keyboard	6-row, spill-resistant, multimedia Fn keys													• ThinkVantage Power Manager
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³													• ThinkVantage System Update
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch													• ThinkVantage Toolbox
ThinkLight™	None													• Adobe® Reader®
Dimensions ³	13.3W" (WxDxH): 12.7" x 9.0" x 1.0" ; 322 x 228mm x 25.4mm (excluding battery bump)													• Adobe Flash® Player
Weight ²	4-cell: starting at 3.61 lb (1.64kg); 6-cell: starting at 3.83 lb (1.74kg)													• Skype™ for Windows
Case color	Matte black (top) or glossy black (top), trimmed with a thin silver band (side); black bottom													• Microsoft Office 2010 preloaded; purchase product key to activate
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic													• Microsoft Research AutoCollage Touch
Battery - type ³⁷	Lithium Ion 4-cell or 6-cell													Supports ThinkVantage® technologies
Battery - life ¹⁰	L325 models with 4-cell: up to 3.3 hr; 6-cell: up to 5.0 hr													65-watt AC adapter
Chipset	AMD M780G Chipset , SB710 south bridge													EPEAT™ Gold rating
ExpressCard	None													ENERGY STAR® 5.0-compliant
Smart Card Read	None													RoHS-compliant
Multicard Reader	5-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, XD)													International Warranty Service ¹⁷
Ports	Three USB 2.0 (one powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)													24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
PCIe Mini Card 11b/g/n WWAN upg	Two PCI Express Mini Card slots 11b/g/n wireless ⁴ , ThinkPad 11b/g/n, PCIe Half Mini Card, Realtek® RTL8191SE													ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD 45K5968
Modem	None													ThinkPlus 2-year LOR 9x5 NBD 45K5969
Bluetooth™	None													ThinkPlus 3-year LOR 9x5 NBD 45K5970
Ethernet	Realtek RTL8111DL Gigabit Network Connection													ThinkPlus 4-year LOR 9x5 NBD 45K5973
Audio support	High Definition (HD) Audio, Conexant® CX20582 codec / stereo speakers, 1 watt x 2/ mono microphone, combo audio/mic jack													ThinkPlus 2-year P&L P/U Depot 45K5971
Security	Power-on password, hard disk password, supervisor password, security keyhole													ThinkPlus 3-year P&L P/U Depot 45K5972
Security chip	None													ThinkPlus 4-year P&L P/U Depot 45K5974
Fingerprint reader	None													Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available													

See footnotes for important warranty information

US models announced January 5, 2010

US models withdrawn effective February 2011

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(PAR1-2) February 2011

Memory	Batteries³⁷
0196 with Intel processors:	ThinkPad Battery 73 (4-cell) 57Y4564 ann 01/05/10
1GB PC3-8500 DDR3 Low-Halogen SODIMM 55Y3706 ann 06/23/09	ThinkPad Battery 73+ (6-cell) 57Y4565 ann 01/05/10
1GB PC3-8500 DDR3 L-H SODIMM (25-Pack) 57Y4385 ann 06/23/09	ThinkPad External Battery Charger ⁴⁴ 40Y7625 ann 09/20/05
2GB PC3-8500 DDR3 Low-Halogen SODIMM 55Y3707 ann 06/23/09	⁴⁴ Requires the ThinkPad 90W AC Adapter 40Y7659 or the adapter provided with the system.
2GB PC3-8500 DDR3 L-H SODIMM (25-Pack) 57Y4386 ann 06/23/09	More information at www.lenovo.com/alldaycomputing
1GB PC3-10600 DDR3 L-H SODIMM 55Y3709 ann 03/02/10	ThinkPad 65W AC Adapter ⁴⁵ 40Y7696 ann 01/05/06
1GB PC3-10600 DDR3 L-H SODIMM (25Pack) 55Y4415 ann 03/02/10	⁴⁵ Only compatible with the integrated graphics models.
2GB PC3-10600 DDR3 L-H SODIMM 55Y3710 ann 03/02/10	ThinkPad 90W AC Adapter 40Y7659 ann 09/20/05
2GB PC3-10600 DDR3 L-H SODIMM (25Pack) 55Y4416 ann 03/02/10	Lenovo Power Hub 57Y4600 ann 09/07/10
0197 with AMD processors:	90W Ultralim AC/DC Combo Adapter 41R4493 ann 09/22/09
1GB PC2-5300 DDR2 SODIMM 40Y7734 ann 01/05/06	More info at www.lenovo.com/support/poweradapters
1GB PC2-5300 DDR2 SODIMM (25-Pack) 51J0502 ann 03/17/09	Charging tips for 90W Ultralim AC/DC Combo Adapter 41R4493
2GB PC2-5300 DDR2 SODIMM 40Y7735 ann 11/28/06	• iPod and iPhone Charge Tip (L10a) 41R4481 ann 12/18/07
2GB PC2-5300 DDR2 SODIMM (25-Pack) 51J0548 ann 03/17/09	• Generic Micro USB charge tip (L18) 41R4490 ann 01/06/09
Storage and removable storage	More information at www.lenovopowertips.com
USB 2.0 Portable 320GB Hard Disk 45K1689 ann 03/17/09	Carrying Cases
USB 2.0 Portable 500GB Hard Disk 45K1690 ann 05/26/09	ThinkPad 15W Case Sleeve 51J0477 ann 08/18/09
USB 2.0 Portable Secure 320GB Hard Disk 43R2019 ann 11/18/08	Lenovo Business Messenger Case 51J0475 ann 08/18/09
eSATA/USB 2.0 Secure 500GB Hard Drive ⁵³ 57Y4400 ann 01/07/10	Lenovo Messenger Max 41U5253 ann 05/01/07
USB 2.0 Portable DVD Burner 43N3264 ann 01/05/10	Lenovo Performance BackPack 41U5254 ann 05/01/07
⁵³ USB-only attach.	ThinkPad Business Topload Case 43R2476 ann 05/13/08
ThinkPad Expansion	ThinkPad Business Backpack 43R2482 ann 05/13/08
Lenovo® Essential Notebook Stand 45J9292 ann 05/12/09	ThinkPad Deluxe Expander Case 43R2478 ann 05/13/08
USB Port Replicator with Digital Video 45K1610 ann 07/28/09	ThinkPad Executive Leather Case 43R2480 ann 05/13/08
Keyboard	More information at www.lenovo.com/support/cases
TrackPoint Cap Collection 73P2698 ann 12/16/03	Monitors
USB Numeric Keypad 33L3225 ann 05/01/00	Lenovo L2230x Wide 21.5" Monitor 5453HB1 ann 06/10/10
Preferred Pro USB Keyboard 73P5220 ann 06/21/05	ThinkVision® L1711p 17" Monitor 5047HB2 ann 10/20/09
Enhanced Performance USB Keyboard 73P2620 ann 03/23/04	ThinkVision L1900p 19" Monitor 4431HE1 ann 11/11/08
Lenovo Mini Wireless Keyboard N5901 ⁵² (blk) 57Y6336 ann 09/15/09	ThinkVision L1951p Wide 19" Monitor 2448HB6 ann 10/20/09
Ultraslim Wireless Keyboard and Mouse ⁵² 57Y4700 ann 09/15/09	ThinkVision L2250p Wide 22" Monitor 2572HB6 ann 10/20/09
⁵² Wireless via 2.4GHz technology using a micro-size USB receiver. 57Y4700 ann 09/15/09	ThinkVision L2251p Wide 22" Monitor 2572HD6 ann 10/20/09
ThinkPad USB Keyboard with TrackPoint 55Y9003 ann 08/18/09	ThinkVision L2251x Wide 22" Monitor 2578HB6 ann 10/20/09
Lenovo USB Fingerprint Keyboard 73P4730 ann 02/22/05	ThinkVision L2321x Wide 23" Monitor 4014HB6 ann 06/10/10
Lenovo USB Smartcard Keyboard 51J0155 ann 03/24/09	ThinkVision L2440p Wide 24" Monitor 4420HB2 ann 09/17/08
Mouse	Monitor Accessories⁴⁶
Lenovo Optical Mouse (USB) 06P4069 ann 05/21/03	Lenovo USB-to-DVI Monitor Adapter 45K5296 ann 05/12/09
Lenovo Laser Mouse (USB) 41U3074 ann 01/23/07	ThinkVision USB Soundbar 40Y7616 ann 08/23/05
ThinkPad USB Laser Mouse 57Y4635 ann 12/15/09	ThinkVision Soundbar 45K1263 ann 09/16/08
Lenovo ScrollPoint® Mouse (USB, Optical) 31P7405 ann 08/27/02	Kensington MicroSaver Cable Lock 73P2582 ann 12/29/03
ThinkPad Travel Mouse (USB, Optical) 31P7410 ann 06/04/02	Kensington Twin Head Cable Lock 45K1620 ann 09/30/08
ThinkPad Bluetooth Laser Mouse 41U5008 ann 01/22/08	Lenovo Security Cable Lock 57Y4303 ann 08/24/10
Lenovo Wireless Laser Mouse - Black ⁵² 45K1696 ann 11/25/08	Lenovo Easy Reach Monitor Stand 55Y9258 ann 09/22/09
Lenovo Wireless Laser Mouse - Red/Black ⁵² 51J0198 ann 11/25/08	⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.
Lenovo Optical Mouse A6010 (black) 57Y6255	For more information on ThinkPad accessories, please visit: www.lenovo.com/support/accessories www.lenovo.com/support/notebookaccessories www.lenovo.com/support/security
Lenovo Mini Optical Mouse M20B 55Y2091	Other accessories at www.lenovo.com/accessories Accessories Guide pdf at www.lenovo.com/accessoriesguide
Lenovo Wireless Mouse N30B (black) 55Y9360	
Security	
Kensington® MicroSaver® Cable Lock 73P2582 ann 12/29/03	
Kensington Twin Head Cable Lock 45K1620 ann 09/30/08	
Lenovo Security Cable Lock 57Y4303 ann 08/24/10	
USB Gemplus GemPC Smart Card Reader 41N3040 ann 02/21/06	
Multimedia	
ThinkPad In-Ear Headphones 57Y4488 ann 01/07/10	
Lenovo Mini Speaker M220 55Y2033	
Lenovo Headphone P550 55Y2065	
Modem	
USB 2.0 Lenovo Modem 43R1814 ann 02/26/08	

ThinkPad®



Lenovo® ThinkPad Edge 14"



Lenovo ThinkPad Edge 14"
(Glossy black model)



Lenovo ThinkPad Edge 14"



ThinkPad In-Ear Headphones with mic
57Y4488



Lenovo ThinkPad Edge 14"

Type-model	Processor	GHz	Memory	Wide-screen display	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Carrier	Top color	Finger print reader	Blue-tooth	Bat-tery cells	Preload	Avail date
0578-HSU	i3-370M	2.40	4GB	14.0" HD	320G 7200	Intel 1000	None	None	Glossy black	Finger	Blue	6	XP Pro	Jul 10
0578-HYU	i3-370M	2.40	2GB	14.0" HD	250G 5400	Intel 1000	None	None	Matte black		6	XP Pro	Jul 10	

- These small and medium business (SMB) models are part of the US TopSeller™ Program

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3 processor i3-370M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology; 3MB cache</i>										Preloaded operating system²⁰ - Windows® XP Professional preinstalled through downgrade rights in Genuine Windows 7 Professional 32			
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; one socket available										Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none">• Rescue and Recovery™• Access Connections™• Password Manager• ThinkVantage Power Manager• ThinkVantage System Update• ThinkVantage Toolbox• Adobe® Reader®• Adobe Flash® Player• Skype™ for Windows			
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 250GB⁸ (5400 rpm) or 320GB (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™													
Widescreen display Camera	14.0" (355mm) HD (1366x768) 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													
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution:</i> 2048x1536@75Hz; 1920x1080 (HDMI port)													
Keyboard TrackPoint® Touch pad	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch										Supports ThinkVantage® technologies			
ThinkLight™	None													
Dimensions ³ Weight ² Case color	14.0W" (WxDxH): 13.54" x 9.17" x 1.25-1.46"; 344 x 233mm x 31.8-37.0mm 4-cell: from 4.72 lb (2.14kg); 6-cell: from 4.9 lb (2.22kg); 9-cell: from 5.29 lb (2.40kg) Matte black (top) or glossy black (top), trimmed with a thin silver band (side); black bottom										65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378			
Case material Battery - type ³⁷ Battery - life ¹⁰	Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 4-cell: up to 2.9 hr; 6-cell: up to 4.5 hr													
Chipset ExpressCard/34 Multicard Reader Ports	Mobile Intel HM55 Express Chipset One ExpressCard/34 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)										ThinkPlus™ 22 1-year LOR ²⁴ 9x5 NBD 45K5968 ThinkPlus 2-year LOR 9x5 NBD 45K5969			
PCIe Mini Card Intel 1000 WWAN upg Modem Bluetooth™ Ethernet Intel AMT Audio support	Two PCI Express Mini Card slots 11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 None None Some: Bluetooth 2.1 wireless Realtek® RTL8111DL Gigabit Network Connection None High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack										ThinkPlus 3-year LOR 9x5 NBD 45K5970 ThinkPlus 4-year LOR 9x5 NBD 45K5973 ThinkPlus 2-year P&L P/U Depot 45K5971 ThinkPlus 3-year P&L P/U Depot 45K5972 ThinkPlus 4-year P&L P/U Depot 45K5974 Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty			
Security Security chip Fingerprint reader	Some: UPEK Fingerprint reader on palm rest, swipe sensor None													
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available													

See footnotes for important warranty information

US models announced July 6, 2010

US models withdrawn effective October 2010

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(BER1-4) October 2010

Type-model	Processor	GHz	Memory	Wide-screen display	Disk SATA GB ⁸	PCIe Mini Card rpm	PCIe Mini Card WWAN	Carrier	Top color	Finger print reader	Bat-tery tooth cells	Blue-tooth cells	Bat-tery cells	Preload	Avail date
0578-23U	i3-350M	2.26	2+1GB	14.0" HD	320G	7200	Intel 6200 ²⁸		Matte black		6	Pro 64		Mar 10	
0578-25U	i3-330M	2.13	2GBx2	14.0" HD	250G	5400	11b/g/n		Matte black		4	Home P 64		Mar 10	
0578-27U	i3-330M	2.13	2GBx1	14.0" HD	250G	5400	Intel 1000		Glossy black		6	Pro 32		Mar 10	
0578-29U	i3-330M	2.13	2GBx1	14.0" HD	250G	5400	Intel 1000		Glossy black		6	Home P 64		Mar 10	
0578-2AU	i3-330M	2.13	2GBx2	14.0" HD	250G	5400	Intel 1000	Gobi 2000	AT&T ²³	Glossy black	Blue	6	Pro 64		Mar 10
0578-2BU	i3-330M	2.13	2GBx2	14.0" HD	320G	7200	Intel 1000	Gobi 2000	Verizon ¹⁶	Glossy black	Blue	6	Pro 64		Mar 10
0578-65U	i3-330M	2.13	2GBx2	14.0" HD	320G	7200	Intel 1000		Glossy black	Finger	Blue	6	Pro 64		Mar 10
0578-66U	i3-330M	2.13	2+1GB	14.0" HD	320G	7200	Intel 1000		Glossy red	Blue	6	Home P 64		Mar 10	
0578-28U	Cel P4500	1.86	2GBx1	14.0" HD	250G	5400	Intel 1000		Glossy black		6	Home P 64		Apr 10	
0578-64U	Cel P4500	1.86	2GBx1	14.0" HD	250G	5400	Intel 1000		Glossy black		6	Pro 32		Apr 10	
0578-7ZU	Cel P4500	1.86	2GBx1	14.0" HD	250G	5400	Intel 1000		Matte black		6	Home P 64		Apr 10	
0578-82U	i3-330M	2.13	2GBx1	14.0" HD	250G	5400	Intel 1000		Matte black		6	Pro 32		Apr 10	
0578-83U	i3-330M	2.13	2+1GB	14.0" HD	250G	5400	Intel 1000		Glossy red	Blue	6	Pro 32		Apr 10	
0578-84U	i3-330M	2.13	2+1GB	14.0" HD	250G	5400	Intel 1000	Gobi 2000	AT&T	Glossy black	Blue	6	Pro 32		Apr 10
0578-85U	i3-330M	2.13	2GBx1	14.0" HD	250G	5400	Intel 1000		Matte black		6	Home P 64		Apr 10	
0578-86U	i3-330M	2.13	2GBx2	14.0" HD	320G	7200	Intel 1000		Matte black	Blue	6	Pro 64		Apr 10	
0578-C5U	i3-350M	2.26	2GBx1	14.0" HD	320G	7200	Intel 1000		Matte black	Blue	6	Pro 64		Apr 10	
0578-C6U	i3-350M	2.26	2GBx2	14.0" HD	500G	7200	Intel 1000		Glossy black	Blue	6	Pro 64		Apr 10	

• These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Celeron® Processor P4500 with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), and 2MB cache	Intel Core™ i3 processor i3-330M or i3-350M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology; 3MB cache	Preloaded operating system ²⁰
Memory	2GB, 3GB, or 4GB std / 8GB max ⁷ / PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets		Some: Genuine Windows® 7 Home Premium 64
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in		- Some: Genuine Windows 7 Professional 32
SATA disk	250GB ⁸ (5400 rpm), 320GB (7200 rpm), or 500GB (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™		- Some: Genuine Windows 7 Professional 64
Widescreen display	14.0" (355mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio		Preloaded applications ¹⁴ (only some listed)
Camera	Camera on top of screen, 2.0-megapixel, fixed focus		<ul style="list-style-type: none"> • Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage Power Manager • ThinkVantage System Update • ThinkVantage Toolbox • Norton™ Internet Security 2011 (30 days of virus definitions) • Adobe® Reader® • Adobe Flash® Player • Skype™ for Windows • Microsoft Office 2010 preloaded; purchase product key to activate • Microsoft Research AutoCollage Touch
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; Max external resolution: 2048x1536@75Hz; 1920x1080 (HDMI port)		
Keyboard	6-row, spill-resistant, multimedia Fn keys		Supports ThinkVantage® technologies
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³		
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch		
ThinkLight™	None		
Dimensions ³	14.0W" (WxDxH): 13.54" x 9.17" x 1.25-1.46"; 344 x 233mm x 31.8-37.0mm		
Weight ²	4-cell: from 4.72 lb (2.14kg); 6-cell: from 4.9 lb (2.22kg); 9-cell: from 5.29 lb (2.40kg)		65-watt AC adapter
Case color	Matte black (top), glossy black (top), or glossy red (top), trimmed with a thin silver band (side); black bottom		EPEAT™ Gold rating (except Celeron models)
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic		ENERGY STAR® 5.0-compliant (except Celeron models)
Battery - type ⁹⁷	Lithium Ion 4-cell or 6-cell		RoHS-compliant
Battery - life ¹⁰	4-cell: up to 2.9 hr; 6-cell: up to 4.5 hr		International Warranty Service ¹⁷
Chipset	Mobile Intel HM55 Express Chipset		24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
ExpressCard/34	One ExpressCard/34		
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)		
Ports	Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		
PCIe Mini Card	Two PCI Express Mini Card slots		ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD
11b/g/n	Some: 11b/g/n wireless ⁴ , ThinkPad 11b/g/n, PCIe Half Mini Card		45K5968
Intel 1000	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2		
Intel 6200 ²⁸	Some: 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6200, 2x2		45K5969
Gobi™ 2000	Some: Wireless WAN, Qualcomm chipset, PCIe Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS, contract required with service provider		45K5970
Carrier	Some: AT&T® or Verizon®, contract required with service provider		ThinkPlus 4-year LOR 9x5 NBD
Modem	None		45K5973
Bluetooth™	Some: Bluetooth 2.1 wireless		ThinkPlus 2-year P&L P/U Depot
Ethernet	Realtek® RTL8111DL Gigabit Network Connection		45K5971
Intel AMT	None		ThinkPlus 3-year P&L P/U Depot
Audio support	High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack		45K5972
Security	Power-on password, hard disk password, supervisor password, security keyhole		ThinkPlus 4-year P&L P/U Depot
Security chip	None		45K5974
Fingerprint reader	Some: UPEK Fingerprint reader on palm rest, swipe sensor		Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available		

See footnotes for important warranty information

US models announced March 23, April 6, or April 13, 2010

US models withdrawn effective August 2010 or June 2011

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(BER1-1) June 2011

Type-model	Processor	Max turbo GHz	Memory	Wide-screen display	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Carrier	Top color	Finger print reader	Blue-tooth	Battery cells	Preload	Avail date
0578-9KU	i3-350M	2.26	4GB	14.0" HD	500G 5400	Intel 1000			Matte black			6	Home P 64	May 10
0578-DGU	i3-350M	2.26	2GB	14.0" HD	320G 7200	Intel 1000			Glossy red			6	Pro 64	May 10
0578-DHU	i3-350M	2.26	4GB	14.0" HD	500G 5400	Intel 1000			Glossy red			6	Pro 64	May 10
0578-F5U	i3-370M	2.40	2GB	14.0" HD	250G 5400	Intel 1000			Matte black			6	Pro 64	Jul 10
0578-F6U	i3-370M	2.40	4GB	14.0" HD	320G 7200	Intel 1000			Matte black			6	Pro 64	Jul 10
0578-F7U	i3-370M	2.40	4GB	14.0" HD	320G 7200	Intel 1000			Matte black	Fing	Blue	6	Pro 64	Jul 10
0578-F8U	i3-370M	2.40	4GB	14.0" HD	320G 7200	Intel 1000			Matte black	Fing	Blue	6	Pro 64	Jul 10
0578-F9U	i3-370M	2.40	4GB	14.0" HD	320G 7200	Intel 1000			Glossy red	Fing	Blue	6	Pro 64	Jul 10
0578-HTU	i3-350M	2.26	4GB	14.0" HD	250G 5400	Intel 1000			Matte black			4	Home P 64	Jul 10
0578-HUU	i3-370M	2.40	4GB	14.0" HD	250G 5400	Intel 1000			Matte black			4	Home P 64	Jul 10
0578-HVU	i3-350M	2.26	4GB	14.0" HD	320G 5400	Intel 1000			Glossy black			4	Home P 64	Jul 10
0578-HWU	i3-370M	2.40	4GB	14.0" HD	320G 5400	Intel 1000			Glossy black			4	Home P 64	Jul 10
0578-HXU	i5-450M	2.40	2.66	4GB	14.0" HD	500G 5400	Intel 1000		Glossy black	Fing	Blue	6	Pro 64	Jul 10
0578-HZU	i3-350M	2.26	4GB	14.0" HD	500G 5400	Intel 1000			Glossy black			6	Pro 64	Jul 10

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3 processor i3-350M or i3-370M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology; 3MB cache or Intel Core i5 processor i5-450M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology; 3MB cache</i>													Preloaded operating system ²⁰													
														- Some: Genuine Windows® 7 Home Premium 64													
														- Some: Genuine Windows 7 Professional 64													
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; one socket available													Preloaded applications ¹⁴ (only some listed)													
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in																										
SATA disk	250GB ⁸ (5400 rpm), 320GB (5400 or 7200 rpm), or 500GB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™																										
Widescreen display	14.0" (355mm) HD (1366x768) 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™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution:</i> 2048x1536@75Hz; 1920x1080 (HDMI port)																										
Keyboard	6-row, spill-resistant, multimedia Fn keys																										
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³																										
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch																										
ThinkLight™	None													Supports ThinkVantage® technologies													
Dimensions ³	14.0W" (WxDxH): 13.54" x 9.17" x 1.25-1.46"; 344 x 233mm x 31.8-37.0mm																										
Weight ²	4-cell: from 4.72 lb (2.14kg); 6-cell: from 4.9 lb (2.22kg); 9-cell: from 5.29 lb (2.40kg)																										
Case color	Matte black (top), glossy black (top), or glossy red (top), trimmed with a thin silver band (side); black bottom																										
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic																										
Battery - type ³⁷	Lithium Ion 4-cell or 6-cell																										
Battery - life ¹⁰	4-cell: up to 2.9 hr; 6-cell: up to 4.5 hr																										
Chipset	Mobile Intel HM55 Express Chipset																										
ExpressCard/34	One ExpressCard/34																										
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)																										
Ports	Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)																										
PCle Mini Card	Two PCI Express Mini Card slots																										
Intel 1000	11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2																										
Gobi™ 2000	Some: Wireless WAN, Qualcomm chipset, PCIe Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS, contract required with service provider																										
Carrier	Some: AT&T®, contract required with service provider																										
Modem	None																										
Bluetooth™	Some: Bluetooth 2.1 wireless																										
Ethernet	Realtek® RTL8111DL Gigabit Network Connection																										
Intel AMT	None																										
Audio support	High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack																										
Security	Power-on password, hard disk password, supervisor password, security keyhole																										
Security chip	None																										
Fingerprint reader	Some: UPEK Fingerprint reader on palm rest, swipe sensor																										
Limited warranty ¹² 1-year - depot repair service / service upgrades ²² available																											
See footnotes for important warranty information US models announced May 4 or July 6, 2010 US models withdrawn effective October 2010 or June 2011																											
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lenovo.com/thinkplus/warranty

Type-model	Processor	Max turbo GHz	Memory (GHz)	Wide-screen display	Screen type	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Carrier	Top color	Finger print	Blue-reader tooth	Preload	Avail date
0578-N6U	i3-390M	2.66	4GB	14.0" HD Glossy	320G 7200	Intel 1000				Matte black	Fing	Blue	Pro 64	Jan 11
0578-N8U	i3-390M	2.66	2GB	14.0" HD Glossy	250G 5400	Intel 1000				Matte black			Pro 64	Jan 11
0578-NJU	i5-480M	2.66	2.93	4GB	14.0" HD Glossy	320G 7200	Intel 1000			Matte black	Fing	Blue	Pro 64	Jan 11
0578-P4U	i3-390M	2.66	4GB	14.0" HD Glossy	320G 7200	Intel 1000	Gobi 2000	AT&T ²³		Glossy black	Fing	Blue	Pro 64	Jan 11
0578-Q2U	i3-380M	2.53	2GB	14.0" HD	250G 5400	11b/g/n				Matte black			Pro 64	Jan 11
0578-QLU	i3-380M	2.53	2GB	14.0" HD	250G 5400	11b/g/n				Matte black			Pro 64	Jan 11

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3 processor i3-380M or i3-390M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology; 3MB cache or Intel Core i5 processor i5-480M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology; 3MB cache</i>	Preloaded operating system²⁰ - Genuine Windows® 7 Professional 64
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; one socket available	Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none">• Rescue and Recovery™• Access Connections™• Password Manager• ThinkVantage Power Manager• ThinkVantage System Update• ThinkVantage Toolbox• Norton™ Internet Security 2011 (30 days of virus definitions)• Adobe® Reader®• Adobe Flash® Player• Skype™ for Windows• Microsoft Office 2010 preloaded; purchase product key to activate• Microsoft Research AutoCollage Touch
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 250GB⁸ (5400 rpm) or 320GB (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™	
Widescreen display	<i>Some:</i> 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD (1366x768) 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™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution:</i> 2048x1536@75Hz; 1920x1080 (HDMI port)	
Keyboard TrackPoint® Touch pad	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch	
ThinkLight™	None	
Dimensions ³ Weight ² Case color	14.0W" (WxDxH): 13.54" x 9.17" x 1.25-1.46"; 344 x 233mm x 31.8-37.0mm 4-cell: from 4.72 lb (2.14kg); 6-cell: from 4.9 lb (2.22kg); 9-cell: from 5.29 lb (2.40kg) Matte black (top) or glossy black (top), trimmed with a thin silver band (side); black bottom	Supports ThinkVantage® technologies
Case material Battery - type ³⁷ Battery - life ¹⁰	Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 4-cell: up to 2.9 hr; 6-cell: up to 4.5 hr	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
Chipset ExpressCard/34 Multicard Reader Ports	Mobile Intel HM55 Express Chipset One ExpressCard/34 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD 45K5968 ThinkPlus 2-year LOR 9x5 NBD 45K5969 ThinkPlus 3-year LOR 9x5 NBD 45K5970 ThinkPlus 4-year LOR 9x5 NBD 45K5973 ThinkPlus 2-year P&L P/U Depot 45K5971 ThinkPlus 3-year P&L P/U Depot 45K5972 ThinkPlus 4-year P&L P/U Depot 45K5974 Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty
PCIe Mini Card 11b/g/n Intel 1000 Gobi™ 2000 Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support Security Security chip Fingerprint reader Limited warranty ¹²	Two PCI Express Mini Card slots <i>Some:</i> 11b/g/n wireless ⁴ , ThinkPad 11b/g/n, PCIe Half Mini Card <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 <i>Some:</i> Wireless WAN, Qualcomm chipset, PCIe Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS, contract required with service provider <i>Some:</i> AT&T®, contract required with service provider None <i>Some:</i> Bluetooth 2.1 wireless Realtek® RTL8111DL Gigabit Network Connection None High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None <i>Some:</i> UPEK Fingerprint reader on palm rest, swipe sensor 1-year - depot repair service / service upgrades ²² available	

See footnotes for important warranty information

US models announced January 11, 2011

US models withdrawn effective February or June 2011

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(BER1-6) June 2011

Type-model	Processor	GHz	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Carrier	Top color	Finger print reader	Blue-tooth	Preload	Ann date (mm/yy)
0579-22U	i3-370M	2.40	2GB	14.0" HD	2.0M	250G 5400	TP 11b/g/n	None	None	Matte black	None	None	Pro 64	05/11
0579-66U	i5-540M	2.53	2GBx2	14.0" HD	0.3M	500G 5400	TP 11b/g/n	None	None	Black textured	None	None	Pro 64	12/11
0579-54U	P6200	2.13	2GBx2	14.0" HD	0.3M	500G 5400	TP 11b/g/n	None	None	Black textured	None	None	Prem 64	12/11
0579-53U	i3-380M	2.53	2GB	14.0" HD	0.3M	320G 7200	TP 11b/g/n	None	None	Black textured	None	None	Pro 64	12/11
0579-6AU	i3-380M	2.53	2GB	14.0" HD	0.3M	320G 5400	TP 11b/g/n	None	None	Black textured	None	None	Pro 64	02/12

- This small and medium business (SMB) model is part of the US TopSeller™ Program
 - This system is Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> Intel® Pentium® processor P6200 with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), 3MB cache or Intel® Core™ i3 processor i3-370M or i3-380M with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology; 3MB cache or Intel Core i5 processor i5-540M with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost (3.06GHz), Hyper-Threading technology; 3MB cache	Preloaded operating system²⁰ - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64
Memory	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; one socket available	Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none">• Rescue and Recovery™• Access Connections™• Password Manager• ThinkVantage Power Manager• ThinkVantage System Update• ThinkVantage Toolbox• Norton™ Internet Security 2011 (30 days of virus definitions)• Adobe® Reader®• Adobe Flash® Player• Skype™ for Windows• Microsoft Office 2010 preloaded; purchase product key to activate
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™	
Widescreen display Camera	14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 0.3 or 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™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution:</i> 2048x1536 @ 75Hz; 1920x1080 (HDMI port)	
Keyboard TrackPoint® Touch pad ThinkLight™	6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch None	
Dimensions ³ Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	14.0W" (WxDxH): 13.54" x 9.17" x 1.25-1.46"; 344 x 233mm x 31.8-37.0mm 4-cell: from 4.72 lb (2.14kg); 6-cell: from 4.9 lb (2.22kg); 9-cell: from 5.29 lb (2.40kg) Matte black or Black textured (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 4-cell (32Whr): up to 2.9 hr; 6-cell (48Whr): up to 4.5 hr	Supports ThinkVantage® technologies
Chipset ExpressCard/34 Multicard Reader Ports	Mobile Intel HM55 Express Chipset One ExpressCard/34 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
PCIe Mini Card 11b/g/n WWAN upg Modem Bluetooth™ Ethernet Intel AMT Audio support Security Security chip Fingerprint reader	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 None None Realtek® RTL8111DL Gigabit Network Connection None High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None None	1-year Onsite Repair 9x5 NBD 45K5968 2-year Onsite Repair 9x5 NBD 45K5969 3-year Onsite Repair 9x5 NBD 45K5970 4-year Onsite Repair 9x5 NBD 45K5973 2-year Depot Repair 45K5971 3-year Depot Repair 45K5972 4-year Depot Repair 45K5974 Post-warranty annual maintenance agreements at http://www.lenovo.com/services_warranty/us/en/index.html
Limited warranty ¹² 1-year - depot repair service / service upgrades ²² available		

See footnotes for important warranty information

US model(s) announced May 10 or December 13, 2011; or February 28, 2012

US model(s) withdrawn effective June 2012

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(BER1-7) February 2013

Type-model	Processor	GHz	Memory	Wide-screen display	Screen type	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	Top color	Finger print reader	Bluetooth	Battery cells	Preload	Avail date
0199-22U	P820	1.80	4GB	14.0" HD	Glossy	2.0M	320G 7200	11b/g/n	Glossy red	Finger	Blue	6	Pro 64	Jun 10
0199-23U	P520	2.30	4GB	14.0" HD	Glossy	0.3M	320G 5400	11b/g/n	Glossy black			6	Home P 64	Jun 10
0199-24U	P320	2.10	2GB	14.0" HD			250G 5400	11b/g/n	Matte black			4	Home P 64	Jun 10
0199-27U	P320	2.10	2GB	14.0" HD		0.3M	250G 5400	11b/g/n	Matte black			6	Pro 64	Jul 10
0199-28U	P320	2.10	4GB	14.0" HD		2.0M	320G 7200	11b/g/n	Matte black	Finger	Blue	6	Pro 64	Jul 10
0199-29U	P520	2.30	2GB	14.0" HD		0.3M	250G 5400	11b/g/n	Matte black			6	Pro 64	Jul 10
0199-2AU	P520	2.30	4GB	14.0" HD		2.0M	320G 7200	11b/g/n	Matte black	Finger	Blue	6	Pro 64	Jul 10
0199-2BU	P820	1.80	2GB	14.0" HD		0.3M	250G 5400	11b/g/n	Matte black			6	Pro 64	Jul 10
0199-2CU	P820	1.80	4GB	14.0" HD		2.0M	320G 7200	11b/g/n	Matte black	Finger	Blue	6	Pro 64	Jul 10
0199-2DU	P820	1.80	4GB	14.0" HD		2.0M	500G 7200	11b/g/n	Matte black	Finger	Blue	6	Pro 64	Jul 10
0199-2EU	P820	1.80	4GB	14.0" HD	Glossy	2.0M	500G 7200	11b/g/n	Glossy black	Finger	Blue	6	Pro 64	Jul 10
0199-2FU	P820	1.80	4GB	14.0" HD	Glossy	2.0M	500G 7200	11b/g/n	Glossy red	Finger	Blue	6	Pro 64	Jul 10
0199-2GU	P520	2.30	4GB	14.0" HD	Glossy	2.0M	320G 7200	11b/g/n	Glossy red	Finger	Blue	6	Pro 64	Jul 10
0199-2HU	P520	2.30	2GB	14.0" HD		0.3M	320G 7200	11b/g/n	Matte black			6	Home P 64	Jul 10

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles AMD® Athlon™ II Dual-Core Mobile Processor P320 with dual-core, virtualization technology, integrated DDR3 memory controller, and 1MB L2 cache or AMD Turion™ II Dual-Core Mobile Processor P520 with dual-core, virtualization technology, integrated DDR3 memory controller, and 2MB L2 cache or AMD Phenom™ II Triple-Core Mobile Processor P820 with triple-core, virtualization technology, integrated DDR3 memory controller, and 1.5MB L2 cache	Preloaded operating system²⁰ - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64
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; one socket available	Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none">• Rescue and Recovery™• Access Connections™• Password Manager• ThinkVantage Power Manager• ThinkVantage System Update• ThinkVantage Toolbox• Norton™ Internet Security 2011 (30 days of virus definitions)• Adobe® Reader®• Adobe Flash® Player• Skype™ for Windows• Microsoft Office 2010 preloaded; purchase product key to activate• Microsoft Research AutoCollage Touch
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 250GB⁸ (5400 rpm), 320GB (5400 or 7200 rpm), or 500GB (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™	
Widescreen display	<i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD (1366x768) color , VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	<i>Some:</i> camera on top of screen, 0.3-megapixel or 2.0-megapixel, fixed focus	
Integrated graphics	ATI™ Radeon™ HD 4250 graphics , in RS880M, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution:</i> 2456x1536 @ 60Hz	
Keyboard TrackPoint® Touch pad	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³	Supports ThinkVantage® technologies
ThinkLight™	UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch	
Dimensions ³ Weight ² Case color	14.0W" (WxDxH): 13.54" x 9.17" x 1.25-1.46"; 344 x 233mm x 31.8-37.0mm 4-cell: from 4.78 lb (2.17kg); 6-cell: from 4.96 lb (2.25kg); 9-cell: from 5.36 lb (2.43kg) Matte black (top), glossy black (top), or glossy red (top), trimmed with a thin silver band (side); black bottom	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
Case material Battery - type ³⁷ Battery - life ¹⁰	Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 4-cell or 6-cell 4-cell: up to 2.6 hr; 6-cell: up to 4 hr; 9-cell: up to 6 hr	
Chipset ExpressCard/34 Multicard Reader Ports	AMD RS880M Chipset , SB820M south bridge One ExpressCard/34 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD 45K5968 ThinkPlus 2-year LOR 9x5 NBD 45K5969 ThinkPlus 3-year LOR 9x5 NBD 45K5970 ThinkPlus 4-year LOR 9x5 NBD 45K5973 ThinkPlus 2-year P&L P/U Depot 45K5971 ThinkPlus 3-year P&L P/U Depot 45K5972 ThinkPlus 4-year P&L P/U Depot 45K5974 Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty
PCIe Mini Card 11b/g/n Modem Bluetooth™ Ethernet Audio support	One PCI Express Half Mini Card slot 11b/g/n wireless ⁴ , ThinkPad 11b/g/n, PCIe Half Mini Card None <i>Some:</i> Bluetooth 2.1 wireless Realtek® RTL8111DL Gigabit Network Connection High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack	
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None <i>Some:</i> UPEK Fingerprint reader on palm rest, swipe sensor	
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available	

See footnotes for important warranty information

US models announced June 22 or July 6, 2010

US models withdrawn effective December 2010

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(BER1-3) December 2010

Type-model	Processor	GHz	Memory	Wide-screen display	Screen type	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	Top color	Finger print reader	Blue-tooth	Bat-tery cells	Preload	Avail date
0199-4GU	P340	2.20	2GB	14.0" HD		0.3M	320G 7200	11b/g/n	Matte black	None	None	6	Pro 64	Sep 10
0199-4HU	P340	2.20	2GB	14.0" HD		0.3M	320G 7200	11b/g/n	Glossy red	None	None	6	Pro 64	Sep 10
0199-4JU	P540	2.40	2GB	14.0" HD		0.3M	320G 7200	11b/g/n	Matte black	None	None	6	Pro 64	Sep 10
0199-6GPU	P560	2.50	2GB	14.0" HD	Glossy	0.3M	320G 7200	11b/g/n	Matte black	None	None	6	Pro 64	Mar 11
0199-6QU	P360	2.30	2GB	14.0" HD	Glossy	0.3M	320G 7200	11b/g/n	Matte black	None	None	6	Pro 64	Mar 11

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles AMD® Athlon™ II Dual-Core Mobile Processor P340 or P360 with dual-core, virtualization technology, integrated DDR3 memory controller, and 1MB L2 cache or AMD Turion™ II Dual-Core Mobile Processor P540 or P560 with dual-core, virtualization technology, integrated DDR3 memory controller, and 2MB L2 cache</i>											Preloaded operating system ²⁰	
Memory	2GB std / 8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Non-italics</i> : standard memory in one socket; one socket available											Preloaded applications ¹⁴ (only some listed)	
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 320GB⁸ (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™											• Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage Power Manager • ThinkVantage System Update • ThinkVantage Toolbox • Adobe® Reader® • Adobe Flash® Player • Skype™ for Windows • Microsoft Office 2010 preloaded; purchase product key to activate • Microsoft Research AutoCollage Touch	
Widescreen display	<i>Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 14.0" (355mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio</i>											Supports ThinkVantage® technologies	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus											65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378	
Integrated graphics	ATI™ Radeon™ HD 4250 graphics , in RS880M, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution: 2456x1536 @60Hz</i>											ThinkPlus™, 22 1-year LOR ²⁴ 9x5 NBD 45K5968	
Keyboard TrackPoint® Touch pad	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch											ThinkPlus 2-year LOR 9x5 NBD 45K5969	
ThinkLight™	None											ThinkPlus 3-year LOR 9x5 NBD 45K5970	
Dimensions ³ Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	14.0W" (WxDxH): 13.54" x 9.17" x 1.25-1.46"; 344 x 233mm x 31.8-37.0mm 4-cell: from 4.78 lb (2.17kg); 6-cell: from 4.96 lb (2.25kg); 9-cell: from 5.36 lb (2.43kg) Matte black (top) or glossy red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell <i>4-cell: up to 2.6 hr; 6-cell: up to 4 hr; 9-cell: up to 6 hr</i>											ThinkPlus 4-year LOR 9x5 NBD 45K5973	
Chipset ExpressCard/34 Multicard Reader Ports	AMD RS880M Chipset , SB820M south bridge One ExpressCard/34 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)											ThinkPlus 2-year P&L P/U Depot 45K5971	
PCIe Mini Card 11b/g/n Modem Bluetooth™ Ethernet Audio support Security Security chip Fingerprint reader	One PCI Express Half Mini Card slot 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 None None Realtek® RTL8111DL Gigabit Network Connection High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None None None											ThinkPlus 3-year P&L P/U Depot 45K5972	
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available											ThinkPlus 4-year P&L P/U Depot 45K5974	
See footnotes for important warranty information US models announced September 28, 2010 or March 1, 2011 US models withdrawn effective April or October 2011	Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty											© Lenovo (BER1-5) October 2011	

Memory			
2GB PC3-10600 DDR3 L-H SODIMM	55Y3710	ann 03/02/10	ThinkPad 65W AC Adapter ⁴⁵
2GB PC3-10600 DDR3 L-H SODIMM (25Pack)	57Y4416	ann 03/02/10	⁴⁵ Only compatible with the integrated graphics models.
4GB PC3-10600 DDR3 L-H SODIMM	55Y3711	ann 03/02/10	40Y7696 ann 01/05/06
Storage and removable storage			40Y7659 ann 09/20/05
USB 2.0 Portable 320GB Hard Disk	45K1689	ann 03/17/09	90W Ultraslim AC/DC Combo Adapter
USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09	41R4493 ann 09/22/09
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	ann 11/18/08	More info at www.lenovo.com/support/poweradapters
USB 3.0 Secure 500GB Hard Drive	0A65619	ann 11/29/11	Charging tips for 90W Ultraslim AC/DC Combo Adapter 41R4493
USB 3.0 Secure 750GB Hard Drive	0A65616	ann 11/29/11	• iPod and iPhone Charge Tip (L10a) 41R4481 ann 12/18/07
USB 3.0 Secure 1TB Hard Drive	0A65621	ann 08/28/12	• Generic Micro USB charge tip (L18) 41R4490 ann 01/06/09
Lenovo Slim USB Portable DVD Burner	0A33988	ann 06/14/11	More information at www.lenovopowertips.com
ThinkPad Expansion			
Lenovo® Essential Notebook Stand	45J9292	ann 05/12/09	Carrying Cases
USB 2.0 Port Replicator with Digital Video	0A33942	ann 03/22/11	Up to 14" widescreen models:
			ThinkPad 14W Case Sleeve 57Y4294 ann 03/16/10
Keyboard			Up to 15.6" widescreen models:
TrackPoint Cap Collection	73P2698	ann 12/16/03	Lenovo Messenger Max 41U5253 ann 05/01/07
Ultraslim Plus Wireless Keyboard and Mouse ⁵²	0A34032	ann 04/05/11	Lenovo Performance BackPack 41U5254 ann 05/01/07
USB Numeric Keypad	33L3225	ann 05/01/00	ThinkPad Business Topload Case 43R2476 ann 05/13/08
Preferred Pro USB Keyboard	73P5220	ann 06/21/05	ThinkPad Business Backpack 43R2482 ann 05/13/08
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04	ThinkPad Deluxe Expander Case 43R2478 ann 05/13/08
Lenovo Mini Wireless Keyboard N5901 ⁵² (blk)	57Y6336		ThinkPad Executive Leather Case 43R2480 ann 05/13/08
			Lenovo Sport Backpack - Red 0A33896 ann 02/28/12
			Lenovo Sport Slimcase - Red 0A33897 ann 02/28/12
			Lenovo Sport Messenger - Red 0A33898 ann 02/28/12
ThinkPad USB Keyboard with TrackPoint	55Y9003	ann 08/18/09	Lenovo Sport Backpack - Blue 0B47298 ann 08/28/12
Lenovo USB Fingerprint Keyboard	73P4730	ann 02/22/05	Lenovo Sport Slimcase - Blue 0B47300 ann 08/28/12
Lenovo USB Smartcard Keyboard	51J0155	ann 03/24/09	Lenovo Sport Messenger - Blue 0B47299 ann 08/28/12
			Lenovo Sport Backpack - Grey 0B47301 ann 08/28/12
			Lenovo Sport Slimcase - Grey 0B47303 ann 08/28/12
			Lenovo Sport Messenger - Grey 0B47302 ann 08/28/12
Mouse			More information at www.lenovo.com/support/cases
ThinkPad Bluetooth Laser Mouse	0A36407	ann 06/26/12	
Lenovo Optical Mouse (USB)	06P4069	ann 05/21/03	Monitors
Lenovo Laser Mouse (USB)	41U3074	ann 01/23/07	ThinkVision® L1711p 17" (VGA, DVI-D) 5047HB2 ann 10/20/09
ThinkPad USB Laser Mouse	57Y4635	ann 12/15/09	ThinkVision L1900p 19" (VGA, DVI-D) 4431HE1 ann 11/11/08
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405	ann 08/27/02	ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ⁶⁹ 2448MB6 ann 09/13/11
ThinkPad Travel Mouse (USB, Optical)	31P7410	ann 06/04/02	ThinkVision L2250p Wide 22" (VGA, DVI-D) 2572HB6 ann 10/20/09
Lenovo Wireless Laser Mouse ⁵²	0A36188	ann 12/20/11	ThinkVision L2251x Wide 22" (VGA, DP) 2578HB6 ann 10/20/09
			ThinkVision LT2252p Wide 22" (VGA, DP, DVI-D) ⁶⁹ 2572MB6 ann 09/13/11
			ThinkVision LT2452p Wide 24" (VGA, DP, DVI-D) ⁶⁹ 4420MB2 ann 09/13/11
			⁶⁹ DisplayPort cable is not included.
			ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) 1452DS6 ann 08/16/11
			Lenovo LS2421p Wide 23.6" (VGA, HDMI) 4015LS1 ann 08/02/11
Multimedia			More information at www.lenovo.com/support/monitors
ThinkPad In-Ear Headphones with mic	57Y4488	ann 01/07/10	
Lenovo Mini Speakers M220	55Y2033	ann 01/07/10	Monitor Accessories ⁴⁶
Lenovo Headphone P550	55Y2065		Lenovo USB Soundbar 0A36190 ann 05/01/12
Modem			Lenovo HDMI to HDMI Monitor Cable 0B47070 ann 05/22/12
USB 2.0 Lenovo Modem	43R1814	ann 02/26/08	Lenovo HDMI to VGA Monitor Cable 0B47069 ann 06/26/12
Batteries ³⁷			Lenovo USB-to-DVI Monitor Adapter 45K5296 ann 05/12/09
ThinkPad Battery 25 (4-cell)	51J0498	ann 10/22/09	Kensington MicroSaver Cable Lock 73P2582 ann 12/29/03
ThinkPad Battery 25+ (6-cell)	51J0499	ann 10/22/09	Kensington Twin Head Cable Lock 45K1620 ann 09/30/08
ThinkPad Battery 25++ (9-cell)	51J0500	ann 10/22/09	Lenovo Security Cable Lock 57Y4303 ann 08/24/10
ThinkPad External Battery Charger ⁴⁴	40Y7625	ann 09/20/05	Lenovo Easy Reach Monitor Stand 55Y9258 ann 09/22/09
			⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.
			More information at www.lenovo.com/support/monitoraccessories
			For more information on accessories: www.lenovo.com/accessories Purchase Lenovo accessories
			www.lenovo.com/support/accessories Product specifications on Lenovo Support
			www.lenovo.com/accessoriesguide Option Compatibility Matrix (OCM) and accessory brochures
			www.lenovoquickpick.com An Options Compatibility Configurator for Lenovo systems

More information at www.lenovo.com/alldaycomputing

ThinkPad®



Lenovo® ThinkPad Edge E420



Lenovo ThinkPad Edge E420



Lenovo ThinkPad Edge E420



Lenovo ThinkPad Edge E420



Lenovo ThinkPad Edge E420



Lenovo ThinkPad Edge E420

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN /mSATA	Carrier	Top color	Finger print reader	Blue-tooth	Battery cells	Preload
1141-55U	i3-2310M	4GBx1	14.0" HD	720p	320G 7200	TP 11b/g/n	None	None	Matte black			6	Pro 64
1141-56U	i3-2310M	4GBx1	14.0" HD	720p	320G 7200	TP 11b/g/n	None	None	Matte black			6	Prem 64
1141-57U	i3-2310M	4GBx1	14.0" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64
1141-58U	i3-2310M	4GBx1	14.0" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Prem 64
1141-9BU	i5-2520M	2GBx2	14.0" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64
1141-D9U	i3-2350M	4GBx1	14.0" HD	720p	500G 7200	Intel 1000	None	None	Matte black			6	Prem 64
1141-BUU	i3-2350M	4GBx1	14.0" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64
1141-BTU	i3-2350M	4GBx1	14.0" HD	720p	320G 7200	TP 11b/g/n	None	None	Matte black			6	Pro 64
1141-GCU	i5-2450M	4GBx1	14.0" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-2310M processor (dual-core, 2.10GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-2350M processor (dual-core, 2.30GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), HT technology 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 Intel Core i5-2520M processor (dual-core, 2.50GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology</i>											Preloaded operating system²⁰ - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64		
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets										Ready to install applications¹⁴ (only some listed) <ul style="list-style-type: none">• Rescue and Recovery™• Access Connections™• Fingerprint Software (fingerprint models)• Password Manager (fingerprint models)• ThinkVantage System Update• ThinkVantage Power Manager• ThinkVantage Toolbox			
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™										Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none">• Norton™ Internet Security 2011 (30 days of virus definitions)• Adobe® Reader®• Skype™ for Windows• Microsoft Office 2010 preloaded; purchase product key to activate• Adobe Acrobat® X Standard (bundled with Microsoft Office)• Corel® WinDVD™ (DVD±RW)• Corel Burn.Now™ Lenovo Edition (DVD±RW)• Corel DVD MovieFactory® Lenovo Edition (DVD±RW)			
mSATA™ SSD	None													
Widescreen display Camera	14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, fixed focus, LED indicator													
Graphics	Intel HD Graphics 3000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution: 2048x1536 (VGA) @ 75Hz; 1920x1200 (HDMI) @ 60Hz</i>													
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None													
Dimensions ³ Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	14.0W" (WxDxH): 13.52" x 9.20" x 1.13-1.43"; 343.4 x 233.6mm x 28.7-36.4mm 6-cell: from 4.85 lb (2.2kg); 9-cell: from 5.2 lb (2.36kg) Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell 6-cell (48Whr): up to 6.2 hr; 9-cell (94Whr): up to 11.7 hr													
Chipset ExpressCard Multicard Reader Ports	Mobile Intel HM65 Express Chipset One ExpressCard/34 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)													
PCIe Mini Card WLAN ⁴	Two PCI Express Mini Card slots <i>Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2</i>										Supports ThinkVantage® technologies			
WWAN Modem Bluetooth™ Ethernet Audio support	None None <i>Some: Bluetooth 3.0 wireless Realtek® RTL8111E Gigabit Network Connection</i> High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 1 watt x 2/ mono digital microphone, combo audio/mic jack										65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²			
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None <i>Some: UPEK Fingerprint reader on palm rest, swipe sensor</i>										For compatible accessories, please go to O-E420 sheet; For Lenovo ²² service upgrade options, please go to S-EDGE sheet			
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available													

See footnotes for more detailed information

US model(s) announced January 17, 2012; previous model(s) on April 19, June 21 or October 4, 2011

US model(s) withdrawn effective July 2012

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(LW1-1) February 2013

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN	Top color	Finger print reader	Blue-tooth	Bat-tery cells	Preload
1198-3FU	E2-3000M	4GBx1	14.0" HD	720p	320G 7200	TP 11b/g/n	Matte black	None	None	6	Pro 64
1198-3EU	A4-3300M	4GBx1	14.0" HD	720p	320G 7200	TP 11b/g/n	Matte black	None	None	6	Pro 64

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles AMD Accelerated Processor E2-3000M (dual-core, 1.80GHz, 1MB L2 cache), integrated AMD Radeon™ HD 6380G Graphics, AMD Turbo Core technology (up to 2.40GHz), integrated DDR3 memory controller (up to 1333MHz) AMD Accelerated Processor A4-3300M (dual-core, 1.90GHz, 2MB L2 cache), integrated AMD Radeon HD 6480G Graphics, AMD Turbo Core technology (up to 2.50GHz), integrated DDR3 memory controller (up to 1333MHz)	Preloaded operating system²⁰ - Genuine Windows® 7 Professional 64
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	Ready to install applications¹⁴ (only some listed) <ul style="list-style-type: none">• Rescue and Recovery™• Access Connections™• Fingerprint Software (fingerprint models)• Password Manager (fingerprint models)• ThinkVantage System Update• ThinkVantage Power Manager• ThinkVantage Toolbox
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™	
Widescreen display Camera	14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, fixed focus, LED indicator	Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none">• Norton™ Internet Security 2011 (30 days of virus definitions)• Adobe® Reader®• Skype™ for Windows• Microsoft Office 2010 preloaded; purchase product key to activate• Adobe Acrobat® X Standard (bundled with Microsoft Office)• Corel® WinDVD® (DVD±RW)• Corel Burn.Now™ Lenovo Edition (DVD±RW)• Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Graphics	Dynamic switching between discrete and integrated graphics (user selectable), AMD Radeon HD Graphics in processor, and AMD Radeon HD 6470M Graphics , PCI Express® x16, 1GB memory, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; Max external resolution: 1920x1600 (VGA)@60Hz; 1920x1080p (HDMI)@60Hz	
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	
Dimensions ³ Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	14.0W" (WxDxH): 13.52" x 9.20" x 1.13-1.43"; 343.4 x 233.6mm x 28.7-36.4mm 6-cell: from 4.85 lb (2.2kg); 9-cell: from 5.2 lb (2.36kg) Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell 6-cell (48Whr): up to 4.2 hr; 9-cell (94Whr): up to 8.3 hr	
Chipset ExpressCard Multicard Reader Ports	AMD A60M FCH One ExpressCard/34 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	Supports ThinkVantage® technologies
PCIe Mini Card WLAN ⁴ Modem Bluetooth™ Ethernet Audio support	One PCI Express Half Mini Card slot ThinkPad 11b/g/n, PCIe Half Mini Card, Realtek® chipset, 1x1 None None Realtek RTL8111E Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 1 watt x 2/ mono digital microphone, combo audio/mic jack	90-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None None	For compatible accessories, please go to O-E420 sheet; For Lenovo ²² service upgrade options, please go to S-EDGE sheet
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available	

See footnotes for more detailed information

US model(s) announced September 6, 2011

US model(s) withdrawn effective July 2012

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(LW11-1) February 2013

Memory

2GB PC3-10600 DDR3 L-H SODIMM
 2GB PC3-10600 DDR3 L-H SODIMM (25Pack)
 4GB PC3-10600 DDR3 L-H SODIMM

55Y3710 ann 03/02/10
 57Y4416 ann 03/02/10
 55Y3711 ann 03/02/10

ThinkPad 65W AC Adapter⁴⁵ 40Y7696 ann 01/05/06
⁴⁵ Only compatible with the integrated graphics models.
 ThinkPad 90W AC Adapter 40Y7659 ann 09/20/05
 90W Ultraslim AC/DC Combo Adapter 41R4493 ann 09/22/09

Storage and removable storage

USB 2.0 Portable 320GB Hard Disk
 USB 2.0 Portable 500GB Hard Disk
 USB 2.0 Portable Secure 320GB Hard Disk
 USB 3.0 Secure 500GB Hard Drive
 USB 3.0 Secure 750GB Hard Drive
 USB 3.0 Secure 1TB Hard Drive
 Lenovo Slim USB Portable DVD Burner

45K1689 ann 03/17/09
 45K1690 ann 05/26/09
 43R2019 ann 11/18/08
 0A65619 ann 11/29/11
 0A65616 ann 11/29/11
 0A65621 ann 08/28/12
 0A33988 ann 06/14/11

More info at www.lenovo.com/support/poweradapters

Charging tips for 90W Ultraslim AC/DC Combo Adapter 41R4493

• iPod and iPhone Charge Tip (L10a) 41R4481 ann 12/18/07
 • Generic Micro USB charge tip (L18) 41R4490 ann 01/06/09

More information at www.lenovopowertips.com

ThinkPad Expansion

Lenovo® Essential Notebook Stand
 USB 2.0 Port Replicator with Digital Video

45J9292 ann 05/12/09
 0A33942 ann 03/22/11

Keyboard

TrackPoint Cap Collection
 Ultralight Plus Wireless Keyboard and Mouse⁵²
 USB Numeric Keypad
 Preferred Pro USB Keyboard
 Enhanced Performance USB Keyboard
 Lenovo Mini Wireless Keyboard N5901⁵² (blk)
⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.

73P2698 ann 12/16/03
 0A34032 ann 04/05/11
 33L3225 ann 05/01/00
 73P5220 ann 06/21/05
 73P2620 ann 03/23/04
 57Y6336
 0A36407 ann 06/26/12
 06P4069 ann 05/21/03
 41U3074 ann 01/23/07
 57Y4635 ann 12/15/09
 31P7405 ann 08/27/02
 31P7410 ann 06/04/02
 0A36188 ann 12/20/11

Carrying Cases

Up to 15.6" widescreen models:

Lenovo Messenger Max 41U5253 ann 05/01/07
 Lenovo Performance BackPack 41U5254 ann 05/01/07
 ThinkPad Business Topload Case 43R2476 ann 05/13/08
 ThinkPad Business Backpack 43R2482 ann 05/13/08
 ThinkPad Deluxe Expander Case 43R2478 ann 05/13/08
 ThinkPad Executive Leather Case 43R2480 ann 05/13/08
 Lenovo Sport Backpack - Red 0A33896 ann 02/28/12
 Lenovo Sport Slimcase - Red 0A33897 ann 02/28/12
 Lenovo Sport Messenger - Red 0A33898 ann 02/28/12
 Lenovo Sport Backpack - Blue 0B47298 ann 08/28/12
 Lenovo Sport Slimcase - Blue 0B47300 ann 08/28/12
 Lenovo Sport Messenger - Blue 0B47299 ann 08/28/12
 Lenovo Sport Backpack - Grey 0B47301 ann 08/28/12
 Lenovo Sport Slimcase - Grey 0B47303 ann 08/28/12
 Lenovo Sport Messenger - Grey 0B47302 ann 08/28/12

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

Mouse

ThinkPad Bluetooth Laser Mouse
 Lenovo Optical Mouse (USB)
 Lenovo Laser Mouse (USB)
 ThinkPad USB Laser Mouse
 Lenovo ScrollPoint® Mouse (USB, Optical)
 ThinkPad Travel Mouse (USB, Optical)
 Lenovo Wireless Laser Mouse⁵²

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

0A36407 ann 06/26/12
 06P4069 ann 05/21/03
 41U3074 ann 01/23/07
 57Y4635 ann 12/15/09
 31P7405 ann 08/27/02
 31P7410 ann 06/04/02
 0A36188 ann 12/20/11

ThinkVision® L1711p 17" (VGA, DVI-D) 5047HB2 ann 10/20/09
 ThinkVision L1900p 19" (VGA, DVI-D) 4431HE1 ann 11/11/08
 ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D)⁶⁹ 2448MB6 ann 09/13/11
 ThinkVision L2250p Wide 22" (VGA, DVI-D) 2572HB6 ann 10/20/09
 ThinkVision L2251x Wide 22" (VGA, DP) 2578HB6 ann 10/20/09
 ThinkVision LT2252p Wide 22" (VGA, DP, DVI-D)⁶⁹ 2572MB6 ann 09/13/11
 ThinkVision LT2452p Wide 24" (VGA, DP, DVI-D)⁶⁹ 4420MB2 ann 09/13/11

⁶⁹ DisplayPort cable is not included.

ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) 1452DS6 ann 08/16/11
 Lenovo LS2421p Wide 23.6" (VGA, HDMI) 4015LS1 ann 08/02/11

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

Multimedia

3M 14.0W Privacy Filter from Lenovo
 Kensington® MicroSaver® Cable Lock
 Kensington Twin Head Cable Lock
 Lenovo Security Cable Lock
 USB Gemplus GemPC Smart Card Reader

0A61769 ann 04/05/11
 73P2582 ann 12/29/03
 45K1620 ann 09/30/08
 57Y4303 ann 08/24/10
 41N3040 ann 02/21/06

Monitor Accessories⁴⁶

Lenovo USB Soundbar 0A36190 ann 05/01/12
 Lenovo HDMI to HDMI Monitor Cable 0B47070 ann 05/22/12
 Lenovo HDMI to VGA Monitor Cable 0B47069 ann 06/26/12
 Lenovo USB-to-DVI Monitor Adapter 45K5296 ann 05/12/09
 Kensington MicroSaver Cable Lock 73P2582 ann 12/29/03
 Kensington Twin Head Cable Lock 45K1620 ann 09/30/08
 Lenovo Security Cable Lock 57Y4303 ann 08/24/10
 Lenovo Easy Reach Monitor Stand 55Y9258 ann 09/22/09

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

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

For more information on accessories:

www.lenovo.com/accessories

Purchase Lenovo accessories

www.lenovo.com/support/accessories

Product specifications on Lenovo Support

www.lenovo.com/accessoriesguide

Option Compatibility Matrix (OCM) and accessory brochures

www.lenovoquickpick.com

An Options Compatibility Configurator for Lenovo systems

More information at www.lenovo.com/alldaycomputing

⁴⁴ Requires the ThinkPad 90W AC Adapter

40Y7659 or the adapter provided with the system.

ThinkPad®



Lenovo® ThinkPad Edge E420s



Lenovo ThinkPad Edge E420s



ThinkVision® LT1421 with ThinkPad Edge E420s



Lenovo ThinkPad Edge E420s



Lenovo ThinkPad Edge E420s

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN /mSATA	Carrier	Finger print reader	Blue-tooth	Bat-tery cells	Preload
4401-27U	i5-2410M	4GBx1	14.0" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	4	Prem 64
4401-28U	i5-2410M	4GBx1	14.0" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	4	Pro 64
4401-29U	i3-2310M	4GBx1	14.0" HD	720p	320G 7200	TP 11b/g/n	None	None	Finger	Blue	4	Pro 64
4401-5EU	i5-2430M	4GBx1	14.0" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	4	Prem 64
4401-5FU	i5-2430M	4GBx1	14.0" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	4	Pro 64
4401-5GU	i3-2330M	4GBx1	14.0" HD	720p	320G 7200	TP 11b/g/n	None	None	Finger	Blue	4	Pro 64
4401-93U	i5-2430M	4GBx1	14.0" HD	720p	500G 5400	Intel 1000	None	None	Finger	Blue	4	Pro 64
4401-7MU	i5-2450M	4GBx1	14.0" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	4	Pro 64
4401-7LU	i5-2450M	4GBx1	14.0" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	4	Prem 64

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Elegant design with quality, reliability, and portability for SMB customers; two spindles 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 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</i>									Preloaded operating system ²⁰		
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets									- Some: Genuine Windows® 7 Home Premium 64		
Optical SATA disk	DVD burner, 9.5mm high, fixed, not removable, slot-in Some: Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, Shock Mounted Hard Drive									- Some: Genuine Windows 7 Professional 64		
mSATA	None									Ready to install applications ¹⁴ (only some listed)		
Widescreen display	14.0" (355mm) HD (1366x768) color, anti-glare display with glossy infinity glass, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio									• Rescue and Recovery™		
Camera	HD720p resolution, wide view angle, low light sensitive, fixed focus									• Access Connections™		
Graphics	Intel HD Graphics 3000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz</i>									• Fingerprint Software (fingerprint models)		
Keyboard TrackPoint®	6-row, spill-resistant, multimedia Fn keys									• Password Manager (fingerprint models)		
Touch pad	TrackPoint pointing device, Internet Scroll Bar ¹³									• ThinkVantage System Update		
ThinkLight™	UltraNav™, buttonless touchpad below keyboard, Tap Zones, scrolling regions, multi-touch illuminates the keyboard to improve visibility in low-light conditions									• ThinkVantage Power Manager		
Dimensions ³	14.0W" (WxDxH): 13.74" x 9.29" x 0.91-1.23"; 349mm x 236mm x 23.1-31.2mm									• ThinkVantage Toolbox		
Weight ²	starting at 4.14 lb (1.88kg)									Preloaded applications ¹⁴ (only some listed)		
Case color	Moss Black soft touch finish, authentic metal accents									• Norton™ Internet Security 2011 (30 days of virus definitions)		
Case material	Magnesium/Aluminum + PPS									• Adobe® Reader®		
Battery - type ³⁷	Integrated Lithium Ion 4-cell, 1000 cycle battery									• Skype™ for Windows		
Battery - life ¹⁰	4-cell (48.8Whr): up to 7.0 hr									• Windows Live™ Essentials		
Chipset	Mobile Intel HM65 Express Chipset									• Microsoft Office 2010 preloaded; purchase product key to activate		
ExpressCard/34	None									• Adobe Acrobat® X Standard (bundled with Microsoft Office)		
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)									• Corel® WinDVD® (DVD±RW)		
Ports	Two USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)									• Corel Burn.Now™ Lenovo Edition (DVD±RW)		
PCIe Mini Card WLAN ⁴	Two PCI Express Mini Card slots Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2									• Corel DVD MovieFactory® Lenovo Edition (DVD±RW)		
WWAN Modem	None									Supports ThinkVantage® technologies		
Bluetooth™	None									65-watt AC adapter		
Ethernet	Some: Bluetooth 3.0 wireless									EPEAT™ Gold rating		
Intel AMT	Realtek® RTL8111E Gigabit Network Connection									ENERGY STAR® 5.0-compliant		
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 1 watt x 2/ mono digital microphone, combo audio/mic jack									RoHS-compliant		
Security chip	Power-on password, hard disk password, supervisor password, security keyhole									International Warranty Service ¹⁷		
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor									24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²		
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available									For compatible accessories, please go to O-E420-S sheet;		
										For Lenovo ²² service upgrade options, please go to S-EDGE sheet		

See footnotes for more detailed information

US model(s) announced January 17, 2012; previous model(s) on March 22,

October 4 or December 20, 2011

US model(s) withdrawn effective May 2012

Memory	55Y3710 57Y4416 55Y3711	ann 03/02/10 ann 03/02/10 ann 03/02/10	Power adapters ThinkPad 90W AC Adapter 90W Ultraslim AC/DC Combo Adapter More info at www.lenovo.com/support/poweradapters	40Y7659 41R4493	ann 09/20/05 ann 09/22/09
Storage and removable storage	45K1689 45K1690 43R2019 0A65619 0A65616 0A65621 0A33988	ann 03/17/09 ann 05/26/09 ann 11/18/08 ann 11/29/11 ann 11/29/11 ann 08/28/12 ann 06/14/11	<i>Charging tips for 90W Ultraslim AC/DC Combo Adapter</i> 41R4493 •iPod and iPhone Charge Tip (L10a) 41R4481 ann 12/18/07 •Generic Micro USB charge tip (L18) 41R4490 ann 01/06/09	41R4481 41R4490	ann 12/18/07 ann 01/06/09
			More information at www.lenovopowertips.com		
ThinkPad Expansion	45J9292 0A33942	ann 05/12/09 ann 03/22/11	Carrying Cases <i>Up to 14" widescreen models:</i> ThinkPad 14W Case Sleeve	57Y4294	ann 03/16/10
Keyboard	73P2698 0A34032 33L3225 73P5220 73P2620 55Y9003 73P4730 51J0155 57Y6336	ann 12/16/03 ann 04/05/11 ann 05/01/00 ann 06/21/05 ann 03/23/04 ann 08/18/09 ann 02/22/05 ann 03/24/09 ann 08/19/09	<i>Up to 15.6" widescreen models:</i> Lenovo Messenger Max Lenovo Performance BackPack ThinkPad Business Topload Case ThinkPad Business Backpack ThinkPad Deluxe Expander Case ThinkPad Executive Leather Case Lenovo Sport Backpack - Red Lenovo Sport Slimcase - Red Lenovo Sport Messenger - Red Lenovo Sport Backpack - Blue Lenovo Sport Slimcase - Blue Lenovo Sport Messenger - Blue Lenovo Sport Backpack - Grey Lenovo Sport Slimcase - Grey Lenovo Sport Messenger - Grey	41U5253 41U5254 43R2476 43R2482 43R2478 43R2480 0A33896 0A33897 0A33898 0B47298 0B47300 0B47299 0B47301 0B47303 0B47302	ann 05/01/07 ann 05/01/07 ann 05/13/08 ann 05/13/08 ann 05/13/08 ann 05/13/08 ann 02/28/12 ann 02/28/12
			More information at www.lenovo.com/support/cases		
Mouse	0A36407 06P4069 41U3074 57Y4635 31P7405 31P7410 0A36188	ann 06/26/12 ann 05/21/03 ann 01/23/07 ann 12/15/09 ann 08/27/02 ann 06/04/02 ann 12/20/11	Monitors ThinkVision® L1711p 17" (VGA, DVI-D) ThinkVision L1900p 19" (VGA, DVI-D) ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ⁶⁹ ThinkVision L2250p Wide 22" (VGA, DVI-D) ThinkVision L2251x Wide 22" (VGA, DP) ThinkVision LT2252p Wide 22" (VGA, DP, DVI-D) ⁶⁹ ThinkVision LT2452p Wide 24" (VGA, DP, DVI-D) ⁶⁹ ThinkVision LT2452p Wide 24" (VGA, DP, DVI-D) ⁶⁹ DisplayPort cable is not included. ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0)	5047HB2 4431HE1 2448MB6 2572HB6 2578HB6 2572MB6 4420MB2	ann 10/20/09 ann 11/11/08 ann 09/13/11 ann 10/20/09 ann 10/20/09 ann 09/13/11 ann 09/13/11
			Lenovo Wireless Laser Mouse ⁵² ⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.	1452DS6 4015LS1	ann 08/16/11 ann 08/02/11
Security	73P2582 45K1620 57Y4303 41N3040	ann 12/29/03 ann 09/30/08 ann 08/24/10 ann 02/21/06	More information at www.lenovo.com/support/monitors		
Multimedia	57Y4488 55Y2033	ann 01/07/10 ann 01/07/10	Monitor Accessories ⁴⁶ Lenovo USB Soundbar Lenovo HDMI to HDMI Monitor Cable Lenovo HDMI to VGA Monitor Cable Lenovo USB-to-DVI Monitor Adapter Kensington MicroSaver Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock Lenovo Easy Reach Monitor Stand	0A36190 0B47070 0B47069 45K5296 73P2582 45K1620 57Y4303 55Y9258	ann 05/01/12 ann 05/22/12 ann 06/26/12 ann 05/12/09 ann 12/29/03 ann 09/30/08 ann 08/24/10 ann 09/22/09
			⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.		
Modem	43R1814	ann 02/26/08	More information at www.lenovo.com/support/monitoraccessories		
			For more information on accessories: www.lenovo.com/accessories Purchase Lenovo accessories		
			www.lenovo.com/support/accessories Product specifications on Lenovo Support		
			www.lenovo.com/accessoriesguide Option Compatibility Matrix (OCM) and accessory brochures		
			www.lenovoquickpick.com An Options Compatibility Configurator for Lenovo systems		

ThinkPad®



Lenovo® ThinkPad Edge 15"



Lenovo ThinkPad Edge 15"
(Glossy black model)



Lenovo ThinkPad Edge 15"



Lenovo ThinkPad Edge 15"
(Glossy red model)



Lenovo ThinkPad Edge 15"

Type-model	Processor	GHz	Memory	Wide-screen display	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Carrier	Top color	Finger print reader	Blue-tooth	Bat-tery cells	Preload	Avail date
0301-EKU	i3-370M	2.40	2GB	15.6" HD	250G 5400	Intel 1000	None	None	Matte black			6	XP Pro	Jul 10
0301-ELU	i3-370M	2.40	4GB	15.6" HD	320G 7200	Intel 1000	None	None	Glossy black	Finger	Blue	6	XP Pro	Jul 10

- These small and medium business (SMB) models are part of the US TopSeller™ Program

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3 processor i3-370M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology; 3MB cache</i>												Preloaded operating system ²⁰ - Windows® XP Professional preinstalled through downgrade rights in Genuine Windows 7 Professional 32
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; one socket available												Preloaded applications ¹⁴ (only some listed) <ul style="list-style-type: none">• Rescue and Recovery™• Access Connections™• Password Manager• ThinkVantage Power Manager• ThinkVantage System Update• ThinkVantage Toolbox• Adobe® Reader®• Adobe Flash® Player• Skype™ for Windows
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 250GB⁸ (5400 rpm) or 320GB (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™												Supports ThinkVantage® technologies
Widescreen display Camera	15.6" (395mm) HD (1366x768) color , anti-glare, LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 2.0-megapixel, fixed focus												65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
Keyboard TrackPoint® Touch pad	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch												ThinkPlus™ 22 1-year LOR ²⁴ 9x5 NBD 45K5968 ThinkPlus 2-year LOR 9x5 NBD 45K5969 ThinkPlus 3-year LOR 9x5 NBD 45K5970 ThinkPlus 4-year LOR 9x5 NBD 45K5973 ThinkPlus 2-year P&L P/U Depot 45K5971 ThinkPlus 3-year P&L P/U Depot 45K5972 ThinkPlus 4-year P&L P/U Depot 45K5974 Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty
Dimensions ³ Weight ² Case color	15.6W" (WxDxH): 14.96" x 9.72" x 1.27-1.48"; 380 x 247mm x 32.3-37.5mm 4-cell: from 5.32 lb (2.42kg); 6-cell: from 5.50 lb (2.50kg); 9-cell: from 5.89 lb (2.67kg) Matte black (top) or glossy black (top), trimmed with a thin silver band (side); black bottom												
Case material Battery - type ³⁷ Battery - life ¹⁰	Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 4-cell: up to 2.9 hr; 6-cell: up to 4.5 hr												
Chipset ExpressCard/34 Multicard Reader Ports	Mobile Intel HM55 Express Chipset One ExpressCard/34 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)												
PCIe Mini Card Intel 1000 WWAN upg	Two PCI Express Mini Card slots 11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 None												
Modem Bluetooth™ Ethernet Intel AMT	None Some: Bluetooth 2.1 wireless Realtek® RTL8111DL Gigabit Network Connection None												
Audio support Security Security chip	High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None												
Fingerprint reader Some: UPEK Fingerprint reader on palm rest, swipe sensor													
Limited warranty ¹² 1-year - depot repair service / service upgrades ²² available													

See footnotes for important warranty information

US models announced July 6, 2010

US models withdrawn effective October 2010

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(LDN1-4) October 2010

Type-model	Processor	Ghz	Memory	Wide-screen display	Screen type	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Carrier	Top color	Finger print reader	Blue-tooth cells	Battery cells	Preload	Avail date
0301-23U	i3-350M	2.26	4GB	15.6" HD	Glossy	320G 7200	Intel 6200 ²⁸			Matte black		6	Pro 64	Mar 10	
0301-25U	i3-330M	2.13	4GB	15.6" HD	Glossy	250G 5400	11b/g/n			Matte black		4	Home P	Mar 10	
0301-26U	i3-330M	2.13	2GB	15.6" HD		250G 5400	Intel 1000			Glossy black		6	Pro 32	Mar 10	
0301-27U	i3-330M	2.13	2GB	15.6" HD		320G 7200	Intel 1000	Gobi 2000	AT&T ²³	Glossy black	Blue	6	Pro 32	Mar 10	
0301-29U	i3-330M	2.13	2GB	15.6" HD	Glossy	250G 5400	Intel 1000			Glossy black		6	Home P	Mar 10	
0301-2AU	i3-330M	2.13	4GB	15.6" HD		250G 5400	Intel 1000	Gobi 2000	AT&T	Glossy black	Blue	6	Pro 64	Mar 10	
0301-2BU	i3-330M	2.13	4GB	15.6" HD		250G 5400	Intel 1000	Gobi 2000	Verizon ¹⁶	Glossy black	Blue	6	Pro 64	Mar 10	
0301-5PU	i3-330M	2.13	2GB	15.6" HD		320G 7200	Intel 1000	Gobi 2000	Verizon	Glossy black	Finger	6	Pro 32	Mar 10	
0301-5QU	i3-330M	2.13	2GB	15.6" HD		250G 5400	Intel 1000			Glossy red	Blue	6	Pro 32	Mar 10	
0301-5RU	i3-330M	2.13	3GB	15.6" HD		320G 7200	Intel 1000			Glossy red	Blue	6	Home P	Mar 10	
0301-5SU	i3-330M	2.13	4GB	15.6" HD		320G 7200	Intel 1000			Glossy black	Finger	6	Pro 64	Mar 10	

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3 processor i3-330M or i3-350M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology; 3MB cache</i>													Preloaded operating system ²⁰
Memory	2GB, 3GB, or 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; <i>Non-italics:</i> standard memory in one socket; one socket available													- Some: Genuine Windows® 7 Home Premium 64
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in													- Some: Genuine Windows 7 Professional 32
SATA disk	250GB⁸ (5400 rpm) or 320GB (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™													- Some: Genuine Windows 7 Professional 64
Widescreen display	<i>Some: 15.6" (395mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio</i> <i>Some: 15.6" (395mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio</i>													Preloaded applications ¹⁴ (only some listed)
Camera	Camera on top of screen, 2.0-megapixel, fixed focus													• Rescue and Recovery™
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution: 2048x1536@75Hz; 1920x1080 (HDMI port)</i>													• Access Connections™
Keyboard TrackPoint® Touch pad	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch													• Password Manager
ThinkLight™	None													• ThinkVantage Power Manager
Dimensions ³	15.6W" (WxDxH): 14.96" x 9.72" x 1.27-1.48" ; 380 x 247mm x 32.3-37.5mm													• ThinkVantage System Update
Weight ²	4-cell: from 5.32 lb (2.42kg); 6-cell: from 5.50 lb (2.50kg); 9-cell: from 5.89 lb (2.67kg)													• ThinkVantage Toolbox
Case color	Matte black (top), glossy black (top), or glossy red (top), trimmed with a thin silver band (side); black bottom													• Lenovo Online Data Backup
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic													• Norton™ Internet Security 2011 (30 days of virus definitions)
Battery - type ³⁷	Lithium Ion 4-cell or 6-cell													• Adobe® Reader®
Battery - life ¹⁰	4-cell: up to 2.9 hr; 6-cell: up to 4.5 hr													• Adobe Flash® Player
Chipset	Mobile Intel HM55 Express Chipset													• Skype™ for Windows
ExpressCard/34	One ExpressCard/34													• Microsoft Office 2010 preloaded; purchase product key to activate
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)													• Microsoft Research AutoCollage Touch
Ports	Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)													Supports ThinkVantage® technologies
PCle Mini Card 11b/g/n	Two PCI Express Mini Card slots <i>Some: 11b/g/n wireless⁴, ThinkPad 11b/g/n, PCIe Half Mini Card</i>													65-watt AC adapter
Intel 1000	<i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2</i>													EPEAT™ Gold rating
Intel 6200 ²⁸	<i>Some: 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6200, 2x2</i>													ENERGY STAR® 5.0-compliant
Gobi™ 2000	<i>Some: Wireless WAN, Qualcomm chipset, PCIe Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS, contract required with service provider</i>													RoHS-compliant
Carrier	<i>Some: AT&T® or Verizon®, contract required with service provider</i>													International Warranty Service ¹⁷
Modem	None													24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
Bluetooth™	<i>Some: Bluetooth 2.1 wireless</i>													ThinkPlus™ 22 1-year LOR ²⁴ 9x5 NBD 45K5968
Ethernet	Realtek® RTL8111DL Gigabit Network Connection													ThinkPlus 2-year LOR 9x5 NBD 45K5969
Intel AMT	None													ThinkPlus 3-year LOR 9x5 NBD 45K5970
Audio support	High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack													ThinkPlus 4-year LOR 9x5 NBD 45K5973
Security	Power-on password, hard disk password, supervisor password, security keyhole													ThinkPlus 2-year P&L P/U Depot 45K5971
Security chip	None													ThinkPlus 3-year P&L P/U Depot 45K5972
Fingerprint reader	<i>Some: UPEK Fingerprint reader on palm rest, swipe sensor</i>													ThinkPlus 4-year P&L P/U Depot 45K5974
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available													Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty

See footnotes for important warranty information

US models announced March 23, 2010

US models withdrawn effective August 2010 or June 2011

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(LDN1-1) June 2011

Type-model	Processor	Max turbo GHz	Memory	Wide-screen display	Screen type	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Carrier	Top color	Finger print reader	Bat- tery tooth cells	Avail date	
0301-28U	Cel P4500	1.86	2GBx1	15.6" HD	Glossy	250G 5400	Intel 1000			Glossy black		6	Home P 64	Apr 10
0301-5NU	Cel P4500	1.86	2GBx1	15.6" HD	Glossy	250G 5400	Intel 1000			Matte black		6	Home P 64	Apr 10
0301-8GU	i3-330M	2.13	2GBx1	15.6" HD		250G 5400	Intel 1000			Matte black		6	Pro 32	Apr 10
0301-8HU	i3-330M	2.13	2GBx2	15.6" HD		320G 7200	WiMAX			Matte black	Fing Blue	6	Pro 64	Apr 10
0301-8JU	i3-330M	2.13	2GBx1	15.6" HD	Glossy	250G 5400	Intel 1000			Matte black		6	Home P 64	Apr 10
0301-8KU	i3-330M	2.13	2GBx2	15.6" HD		320G 7200	Intel 1000			Matte black	Blue	6	Pro 64	Apr 10
0301-9AU	i3-330M	2.13	2GBx1	15.6" HD		250G 5400	Intel 1000	Gobi AT&T ²³		Glossy black		6	Pro 32	Apr 10
0301-9CU	i3-350M	2.26	2GBx1	15.6" HD		320G 7200	Intel 1000			Matte black	Blue	6	Pro 64	Apr 10
0301-9DU	i3-350M	2.26	2GBx2	15.6" HD		500G 7200	Intel 1000			Glossy black	Blue	6	Pro 64	Apr 10
0301-89U	i5-430M	2.26	2.53	2GBx2	15.6" HD	500G 7200	Intel 1000			Glossy black	Fing Blue	6	Pro 64	May 10
0301-8AU	i3-350M	2.26	2GBx1	15.6" HD	Glossy	250G 5400	Intel 1000			Matte black		4	Home P 64	May 10
0301-8BU	i3-350M	2.26	2GBx2	15.6" HD		500G 7200	Intel 1000			Glossy black	Fing	6	Pro 64	May 10

• These small and medium business (SMB) models are part of the US TopSeller™ Program

• These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Celeron® Processor P4500 with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), and 2MB cache or Intel Core™ i3 processor i3-330M or i3-350M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology; 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</i>													Preloaded operating system ²⁰
Memory	2GB or 4GB std / 8GB max⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets													Preloaded applications ¹⁴ (only some listed)
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 250GB (5400 rpm), 320GB (7200 rpm), or 500GB (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™													• Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage Power Manager • ThinkVantage System Update • ThinkVantage Toolbox • Norton™ Internet Security 2011 (30 days of virus definitions) • Adobe® Reader® • Adobe Flash® Player • Skype™ for Windows • Microsoft Office 2010 preloaded; purchase product key to activate • Microsoft Research AutoCollage Touch
Widescreen display	<i>Some: 15.6" (395mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (395mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio</i>													Supports ThinkVantage® technologies
Camera	Camera on top of screen, 2.0-megapixel, fixed focus													65-watt AC adapter EPEAT™ Gold rating (except Celeron models) ENERGY STAR® 5.0-compliant (except Celeron models) RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
Keyboard TrackPoint® Touch pad	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch													ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD 45K5968 ThinkPlus 2-year LOR 9x5 NBD 45K5969 ThinkPlus 3-year LOR 9x5 NBD 45K5970 ThinkPlus 4-year LOR 9x5 NBD 45K5973 ThinkPlus 2-year P&L P/U Depot 45K5971 ThinkPlus 3-year P&L P/U Depot 45K5972 ThinkPlus 4-year P&L P/U Depot 45K5974 Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty
Dimensions ³ Weight ² Case color	<i>15.6W" (WxDxH): 14.96" x 9.72" x 1.27-1.48"; 380 x 247mm x 32.3-37.5mm 4-cell: from 5.32 lb (2.42kg); 6-cell: from 5.50 lb (2.50kg); 9-cell: from 5.89 lb (2.67kg) Matte black (top) or glossy black (top), trimmed with a thin silver band (side); black bottom</i>													
Case material Battery - type ³⁷ Battery - life ¹⁰	<i>Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 4-cell or 6-cell 4-cell: up to 2.9 hr; 6-cell: up to 4.5 hr</i>													
Chipset ExpressCard/34 Multicard Reader Ports	Mobile Intel HM55 Express Chipset One ExpressCard/34 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)													
PCIe Mini Card Intel 1000 WiMAX	<i>Two PCI Express Mini Card slots Some: 11b/g/n wireless⁴, PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Some: 11a/b/g/n and WiMAX wireless, PCIe Half Mini Card, Intel Centrino Advanced-N + WiMAX 6250, 2x2 AGN + 1x2 WiMAX</i>													
Gobi™ 2000 Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support	<i>Some: Wireless WAN, Qualcomm chipset, PCIe Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS, contract required with service provider Some: AT&T®, contract required with service provider None Some: Bluetooth 2.1 wireless Realtek® RTL8111DL Gigabit Network Connection None High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack</i>													
Security Security chip Fingerprint reader	<i>Power-on password, hard disk password, supervisor password, security keyhole None Some: UPEK Fingerprint reader on palm rest, swipe sensor</i>													
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available													

See footnotes for important warranty information

US models announced April 6, April 13, or May 4, 2010

US models withdrawn effective August 2010 or June 2011

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(LDN1-2) June 2011

Type-model	Processor	Max turbo GHz	Memory	Wide-screen display	Screen type	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Carrier	Top color	Finger print reader	Blue-tooth	Battery cells	Preload	Avail date
0301-DBU	i3-370M	2.40	2GB	15.6" HD		250G 5400	Intel 1000			Matte black			6 Pro	64	Jul 10
0301-DCU	i3-370M	2.40	4GB	15.6" HD		320G 7200	Intel 1000			Matte black	Fing	Blue	6 Pro	64	Jul 10
0301-DDU	i3-370M	2.40	4GB	15.6" HD		320G 7200	Intel 1000	Gobi 2000	AT&T ²³	Matte black	Fing	Blue	6 Pro	64	Jul 10
0301-DEU	i3-370M	2.40	4GB	15.6" HD		320G 7200	Intel 1000			Glossy red	Fing	Blue	6 Pro	64	Jul 10
0301-ECU	i3-370M	2.40	4GB	15.6" HD	Glossy	250G 5400	Intel 1000			Matte black			4 Home	P	Jul 10
0301-EDU	i3-370M	2.40	4GB	15.6" HD		500G 7200	Intel 1000			Glossy black	Fing	Blue	6 Pro	64	Jul 10
0301-EEU	i3-350M	2.26	4GB	15.6" HD		500G 7200	Intel 1000			Glossy black	Fing	Blue	6 Pro	64	Jul 10
0301-EFU	i3-370M	2.40	2GB	15.6" HD		250G 5400	Intel 1000			Glossy black			6 Home	P	Jul 10
0301-EGU	i3-370M	2.40	3GB	15.6" HD		320G 7200	Intel 1000			Glossy red		Blue	6 Home	P	Jul 10
0301-EHU	i5-450M	2.40	2.66	4GB	15.6" HD	500G 5400	Intel 1000			Glossy black	Fing	Blue	6 Pro	64	Jul 10
0301-EJU	i5-450M	2.40	2.66	4GB	15.6" HD	500G 7200	Intel 1000			Glossy black	Fing	Blue	6 Pro	64	Jul 10
0301-EMU	i3-350M	2.26	2GB	15.6" HD		250G 5400	Intel 1000	Gobi 2000	AT&T	Glossy black			6 Pro	32	Jul 10

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3 processor i3-350M or i3-370M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology; 3MB cache or Intel Core i5 processor i5-450M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology; 3MB cache</i>											Preloaded operating system ²⁰
Memory	2GB, 3GB, or 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; <i>Non-italics:</i> standard memory in one socket; one socket available											Preloaded applications ¹⁴ (only some listed)
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 250GB⁸ (5400 rpm), 320GB (7200 rpm), or 500GB (5400 or 7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™											
Widescreen display	<i>Some: 15.6" (395mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio</i> <i>Some: 15.6" (395mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio</i>											
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™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution: 2048x1536@75Hz; 1920x1080 (HDMI port)</i>											
Keyboard TrackPoint® Touch pad	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch											Supports ThinkVantage® technologies
ThinkLight™	None											
Dimensions ³ Weight ² Case color	<i>15.6W" (WxDxH): 14.96" x 9.72" x 1.27-1.48"; 380 x 247mm x 32.3-37.5mm</i> <i>4-cell: from 5.32 lb (2.42kg); 6-cell: from 5.50 lb (2.50kg); 9-cell: from 5.89 lb (2.67kg)</i> Matte black (top), glossy black (top), or glossy red (top), trimmed with a thin silver band (side); black bottom											
Case material Battery - type ³⁷ Battery - life ¹⁰	Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 4-cell or 6-cell <i>4-cell: up to 2.9 hr; 6-cell: up to 4.5 hr</i>											
Chipset ExpressCard/34 Multicard Reader	Mobile Intel HM55 Express Chipset One ExpressCard/34											
Ports	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)											
PCIe Mini Card Intel 1000 Gobi™ 2000	Two PCI Express Mini Card slots 11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 <i>Some: Wireless WAN, Qualcomm chipset, PCIe Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS, contract required with service provider</i>											ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD 45K5968
Carrier Modem	<i>Some: AT&T®, contract required with service provider</i>											ThinkPlus 2-year LOR 9x5 NBD 45K5969
Bluetooth™ Ethernet	None <i>Some: Bluetooth 2.1 wireless</i>											ThinkPlus 3-year LOR 9x5 NBD 45K5970
Intel AMT	Realtek® RTL8111DL Gigabit Network Connection											ThinkPlus 4-year LOR 9x5 NBD 45K5973
Audio support	None High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack											ThinkPlus 2-year P&L P/U Depot 45K5971
Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole None											ThinkPlus 3-year P&L P/U Depot 45K5972
Fingerprint reader	<i>Some: UPEK Fingerprint reader on palm rest, swipe sensor</i>											ThinkPlus 4-year P&L P/U Depot 45K5974
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available											Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty

See footnotes for important warranty information

US models announced July 6, 2010

US models withdrawn effective October 2010 or June 2011

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(LDN1-5) June 2011

Type-model	Processor	Max turbo GHz	Max memory (GHz)	Wide-screen display	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Carrier	Top color	Finger print reader	Blue-tooth	Bat-tery cells	Preload	Avail date	
0301-JDU	i5-480M	2.66	2.93	4GB	15.6" HD	320G 7200	Intel 1000	None	None	Matte black	Fing	Blue	6	Pro 64	Jan 11
0301-JAU	i3-390M	2.66		4GB	15.6" HD	320G 7200	Intel 1000	None	None	Matte black	Fing	Blue	6	Pro 64	Jan 11
0301-J9U	i3-390M	2.66		2GB	15.6" HD	250G 5400	Intel 1000	None	None	Matte black			6	Pro 64	Jan 11
0301-K3U	i3-390M	2.66		4GB	15.6" HD	500G 5400	Intel 1000	None	None	Matte black			6	Home P	Jan 11
0301-Q2U	i3-380M	2.53		2GB	15.6" HD	250G 5400	11b/g/n	None	None	Matte black			6	Pro 64	Jan 11

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3 processor i3-380M or i3-390M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology; 3MB cache or Intel Core i5 processor i5-480M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology; 3MB cache</i>											Preloaded operating system ²⁰	
Memory	2GB or 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; <i>Non-italics:</i> standard memory in one socket; one socket available											- Some: Genuine Windows® 7 Home Premium 64	
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 250GB⁸ (5400 rpm), 320GB (7200 rpm), or 500GB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™											- Some: Genuine Windows 7 Professional 64	
Widescreen display Camera	15.6" (395mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 2.0-megapixel, fixed focus											Preloaded applications ¹⁴ (only some listed)	
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution:</i> 2048x1536 @ 75Hz; 1920x1080 (HDMI port)											• Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage Power Manager • ThinkVantage System Update • ThinkVantage Toolbox • Norton™ Internet Security 2011 (30 days of virus definitions) • Adobe® Reader® • Adobe Flash® Player • Skype™ for Windows • Microsoft Office 2010 preloaded; purchase product key to activate • Microsoft Research AutoCollage Touch	
Keyboard TrackPoint® Touch pad	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch											Supports ThinkVantage® technologies	
ThinkLight™	None											65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378	
Dimensions ³ Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	15.6W" (WxDxH): 14.96" x 9.72" x 1.27-1.48"; 380 x 247mm x 32.3-37.5mm <i>4-cell:</i> from 5.32 lb (2.42kg); <i>6-cell:</i> from 5.50 lb (2.50kg); <i>9-cell:</i> from 5.89 lb (2.67kg) Matte black (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell <i>4-cell:</i> up to 2.9 hr; <i>6-cell:</i> up to 4.5 hr											ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD 45K5968 ThinkPlus 2-year LOR 9x5 NBD 45K5969 ThinkPlus 3-year LOR 9x5 NBD 45K5970 ThinkPlus 4-year LOR 9x5 NBD 45K5973 ThinkPlus 2-year P&L P/U Depot 45K5971 ThinkPlus 3-year P&L P/U Depot 45K5972 ThinkPlus 4-year P&L P/U Depot 45K5974 Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty	
Chipset ExpressCard/34 Multicard Reader Ports	Mobile Intel HM55 Express Chipset One ExpressCard/34 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)												
PCIe Mini Card 11b/g/n Intel 1000 WWAN upg Modem Bluetooth™ Ethernet Intel AMT Audio support Security Security chip Fingerprint reader	Two PCI Express Mini Card slots <i>Some:</i> 11b/g/n wireless ⁴ , ThinkPad 11b/g/n, PCIe Half Mini Card <i>Some:</i> 11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 None None <i>Some:</i> Bluetooth 2.1 wireless Realtek® RTL8111DL Gigabit Network Connection None High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None <i>Some:</i> UPEK Fingerprint reader on palm rest, swipe sensor												
Limited warranty ¹² 1-year	- depot repair service / service upgrades ²² available												

See footnotes for important warranty information

US models announced January 11, 2011

US models withdrawn effective June 2011

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(LDN1-7) June 2011

Type-model	Processor	GHz	Memory	Wide-screen display	Screen type	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	Top color	Finger print reader	Blue-tooth	Bat-tery cells	Preload	Avail date
0302-22U	P820	1.80	4GB	15.6" HD	Glossy	2.0M	320G 7200	11b/g/n	Glossy red	Finger	Blue	6	Pro 64	Jun 10
0302-23U	P520	2.30	4GB	15.6" HD	Glossy	0.3M	320G 5400	11b/g/n	Glossy black			6	Home P 64	Jun 10
0302-24U	P320	2.10	2GB	15.6" HD			250G 5400	11b/g/n	Matte black			4	Home P 64	Jun 10
0302-2BU	P320	2.10	2GB	15.6" HD		2.0M	250G 5400	11b/g/n	Matte black			6	Pro 64	Jul 10
0302-2CU	P320	2.10	4GB	15.6" HD		2.0M	320G 7200	11b/g/n	Matte black	Finger	Blue	6	Pro 64	Jul 10
0302-2DU	P520	2.30	2GB	15.6" HD		2.0M	250G 5400	11b/g/n	Matte black			6	Pro 64	Jul 10
0302-2EU	P520	2.30	4GB	15.6" HD		2.0M	320G 7200	11b/g/n	Matte black	Finger	Blue	6	Pro 64	Jul 10
0302-2FU	P820	1.80	2GB	15.6" HD		2.0M	250G 5400	11b/g/n	Matte black			6	Pro 64	Jul 10
0302-2GU	P820	1.80	4GB	15.6" HD		2.0M	500G 7200	11b/g/n	Matte black	Finger	Blue	6	Pro 64	Jul 10
0302-2HU	P820	1.80	4GB	15.6" HD	Glossy	2.0M	500G 7200	11b/g/n	Glossy black	Finger	Blue	6	Pro 64	Jul 10
0302-2JU	P820	1.80	4GB	15.6" HD	Glossy	2.0M	500G 7200	11b/g/n	Glossy red	Finger	Blue	6	Pro 64	Jul 10
0302-2KU	P520	2.30	4GB	15.6" HD	Glossy	2.0M	320G 7200	11b/g/n	Glossy red	Finger	Blue	6	Pro 64	Jul 10
0302-2LU	P520	2.30	2GB	15.6" HD		2.0M	320G 7200	11b/g/n	Matte black			6	Home P 64	Jul 10
0302-3HU	P820	1.80	4GB	15.6" HD		2.0M	320G 7200	11b/g/n	Glossy red	Finger	Blue	6	Pro 64	Jul 10
0302-3JU	P520	2.30	4GB	15.6" HD	Glossy	0.3M	320G 5400	11b/g/n	Glossy black			6	Home P 64	Jul 10
0302-3KU	P520	2.30	2GB	15.6" HD		0.3M	320G 7200	11b/g/n	Glossy black			6	Home P 64	Jul 10
0302-3LU	P520	2.30	2GB	15.6" HD		0.3M	320G 7200	11b/g/n	Glossy red			6	Home P 64	Jul 10

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles AMD® Athlon™ II Dual-Core Mobile Processor P320 with dual-core, virtualization technology, integrated DDR3 memory controller, and 1MB L2 cache or AMD Turion™ II Dual-Core Mobile Processor P520 with dual-core, virtualization technology, integrated DDR3 memory controller, and 2MB L2 cache or AMD Phenom™ II Triple-Core Mobile Processor P820 with triple-core, virtualization technology, integrated DDR3 memory controller, and 1.5MB L2 cache	Preloaded operating system²⁰ - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64
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; one socket available	Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none">• Rescue and Recovery™• Access Connections™• Password Manager• ThinkVantage Power Manager• ThinkVantage System Update• ThinkVantage Toolbox• Norton™ Internet Security 2011 (30 days of virus definitions)• Adobe® Reader®• Adobe Flash® Player• Skype™ for Windows• Microsoft Office 2010 preloaded; purchase product key to activate• Microsoft Research AutoCollage Touch
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 250GB⁸ (5400 rpm), 320GB (5400 or 7200 rpm), or 500GB (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™	
Widescreen display	Some: 15.6" (395mm) HD (1366x768) color , anti-glare, LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (395mm) HD (1366x768) color, VibrantView (glossy) , LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Some: camera on top of screen, 0.3-megapixel or 2.0-megapixel, fixed focus	
Integrated graphics	ATI™ Radeon™ HD 4250 graphics , in RS880M, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution:</i> 2456x1536@60Hz	
Keyboard TrackPoint® Touch pad	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch	Supports ThinkVantage® technologies
ThinkLight™	None	
Dimensions ³ Weight ² Case color	15.6W" (WxDxH): 14.96" x 9.72" x 1.27-1.48"; 380 x 247mm x 32.3-37.5mm 4-cell: from 5.40 lb (2.45kg); 6-cell: from 5.58 lb (2.53kg); 9-cell: from 5.95 lb (2.70kg) Matte black (top), glossy black (top), or glossy red (top), trimmed with a thin silver band (side); black bottom	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
Case material Battery - type ³⁷ Battery - life ¹⁰	Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 4-cell or 6-cell 4-cell: up to 2.6 hr; 6-cell: up to 4 hr; 9-cell: up to 6 hr	
Chipset ExpressCard/34 Multicard Reader Ports	AMD RS880M Chipset , SB820M south bridge One ExpressCard/34 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD 45K5968 ThinkPlus 2-year LOR 9x5 NBD 45K5969 ThinkPlus 3-year LOR 9x5 NBD 45K5970 ThinkPlus 4-year LOR 9x5 NBD 45K5973 ThinkPlus 2-year P&L P/U Depot 45K5971 ThinkPlus 3-year P&L P/U Depot 45K5972 ThinkPlus 4-year P&L P/U Depot 45K5974 Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty
PCIe Mini Card 11b/g/n Modem Bluetooth™ Ethernet Audio support	One PCI Express Half Mini Card slot 11b/g/n wireless ⁴ , ThinkPad 11b/g/n, PCIe Half Mini Card None Some: Bluetooth 2.1 wireless Realtek® RTL8111DL Gigabit Network Connection High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack	
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None Some: UPEK Fingerprint reader on palm rest, swipe sensor	
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available	

See footnotes for important warranty information

US models announced June 22 or July 6, 2010

US models withdrawn effective December 2010

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(LDN1-3) December 2010

Type-model	Processor	GHz	Memory	Wide-screen display	Screen type	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	Top color	Finger print reader	Blue-tooth	Bat-tery cells	Preload	Avail date
0302-44U	P340	2.20	2GB	15.6" HD		2.0M	320G 7200	11b/g/n	Matte black	None	None	6	Pro 64	Sep 10
0302-45U	P540	2.40	2GB	15.6" HD		2.0M	320G 7200	11b/g/n	Matte black	None	None	6	Pro 64	Sep 10
0302-4LU	P840	1.90	4GB	15.6" HD	Glossy	0.3M	500G 5400	11b/g/n	Glossy black	None	None	6	Home P	Jan 11
0302-54U	P560	2.50	2GB	15.6" HD		2.0M	320G 7200	11b/g/n	Matte black	None	None	6	Pro 64	Mar 11
0302-55U	P360	2.30	2GB	15.6" HD		2.0M	320G 7200	11b/g/n	Matte black	None	None	6	Pro 64	Mar 11

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Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles AMD® Athlon™ II Dual-Core Mobile Processor P340 or P360 with dual-core, virtualization technology, integrated DDR3 memory controller, and 1MB L2 cache or AMD Turion™ II Dual-Core Mobile Processor P540 or P560 with dual-core, virtualization technology, integrated DDR3 memory controller, and 2MB L2 cache or AMD Phenom™ II Triple-Core Mobile Processor P840 with triple-core, virtualization technology, integrated DDR3 memory controller, and 1.5MB L2 cache</i>													Preloaded operating system ²⁰
Memory	2GB or 4GB std / 8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available													- Some: Genuine Windows® 7 Home Premium 64
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 320GB⁸ (7200 rpm) or 500GB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™													- Some: Genuine Windows 7 Professional 64
Widescreen display	<i>Some: 15.6" (395mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio</i> <i>Some: 15.6" (395mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio</i>													Preloaded applications ¹⁴ (only some listed)
Camera	Camera on top of screen, 0.3-megapixel or 2.0-megapixel, fixed focus													• Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage Power Manager • ThinkVantage System Update • ThinkVantage Toolbox • Adobe® Reader® • Adobe Flash® Player • Skype™ for Windows • Microsoft Office 2010 preloaded; purchase product key to activate • Microsoft Research AutoCollage Touch
Integrated graphics	ATI™ Radeon™ HD 4250 graphics , in RS880M, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution: 2456x1536 @60Hz</i>													Supports ThinkVantage® technologies
Keyboard TrackPoint® Touch pad	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch													65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
ThinkLight™	None													ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD 45K5968
Dimensions ³ Weight ² Case color	15.6W", (WxDxH): 14.96" x 9.72" x 1.27-1.48"; 380 x 247mm x 32.3-37.5mm 4-cell: from 5.40 lb (2.45kg); 6-cell: from 5.58 lb (2.53kg); 9-cell: from 5.95 lb (2.70kg) Matte black (top) or glossy black (top), trimmed with a thin silver band (side); black bottom													ThinkPlus 2-year LOR 9x5 NBD 45K5969
Case material Battery - type ³⁷ Battery - life ¹⁰	Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 4-cell: up to 2.6 hr; 6-cell: up to 4 hr; 9-cell: up to 6 hr													ThinkPlus 3-year LOR 9x5 NBD 45K5970
Chipset ExpressCard/34 Multicard Reader Ports	AMD RS880M Chipset , SB820M south bridge One ExpressCard/34 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)													ThinkPlus 4-year LOR 9x5 NBD 45K5973
PCle Mini Card 11b/g/n Modem Bluetooth™ Ethernet Audio support Security Security chip Fingerprint reader	One PCI Express Half Mini Card slot 11b/g/n, PCle Half Mini Card, ThinkPad 11b/g/n, 1x1 None Realtek® RTL8111DL Gigabit Network Connection High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None None													ThinkPlus 2-year P&L P/U Depot 45K5971
Limited warranty ¹² 1-year - depot repair service / service upgrades ²² available	Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty													© Lenovo (LDN1-6) October 2011

See footnotes for important warranty information

US models announced September 28, 2010 or January 11 or March 1, 2011

US models withdrawn effective June or October 2011

Type-model	Processor	GHz	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN Carrier	Finger print reader	Bat- tery tooth cells	Ann date
											(mm/yy)
0319-26U	i3-370M	2.40	2GBx2	15.6" HD	2.0M	500G 5400	TP 11b/g/n	None	None	Matte black	None None 6 Pro 64 05/11
0319-25U	i3-370M	2.40	2GB	15.6" HD	2.0M	250G 5400	TP 11b/g/n	None	None	Matte black	None None 6 Pro 64 05/11
0319-24U	i3-370M	2.40	2GB	15.6" HD Glos	2.0M	250G 5400	TP 11b/g/n	None	None	Matte black	None None 6 Prem 64 05/11
0319-23U	P6100	2.00	2GBx2	15.6" HD Glos	2.0M	500G 5400	TP 11b/g/n	None	None	Matte black	None None 6 Prem 64 05/11
0319-22U	P6100	2.00	2GB	15.6" HD Glos	2.0M	250G 5400	TP 11b/g/n	None	None	Matte black	None None 6 Prem 64 05/11
0319-3NU	P6200	2.13	2GB	15.6" HD	2.0M	250G 5400	TP 11b/g/n	None	None	Matte black	None None 6 Prem 64 08/11
0319-42U	i5-540M	2.53	2GBx2	15.6" HD	0.3M	500G 5400	TP 11b/g/n	None	None	Black textured	None None 6 Pro 64 12/11
0319-3SU	i3-380M	2.53	2GBx2	15.6" HD	0.3M	500G 5400	TP 11b/g/n	None	None	Black textured	None None 6 Pro 64 12/11
0319-3RU	i3-380M	2.53	2GB	15.6" HD	0.3M	320G 7200	TP 11b/g/n	None	None	Black textured	None None 6 Pro 64 12/11
0319-3QU	i3-380M	2.53	2GB	15.6" HD	0.3M	320G 7200	TP 11b/g/n	None	None	Black textured	None None 6 Prem 64 12/11
0319-3PU	P6200	2.13	2GBx2	15.6" HD	0.3M	500G 5400	TP 11b/g/n	None	None	Black textured	None None 6 Prem 64 12/11
0319-46U	i3-380M	2.53	2GB	15.6" HD	0.3M	320G 5400	TP 11b/g/n	None	None	Black textured	None None 6 Pro 64 02/12

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- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<p>Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Pentium® processor P6100 or P6200 with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), 3MB cache or</p> <p>Intel Core™ i3 processor i3-370M or i3-380M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology; 3MB cache or</p> <p>Intel Core i5 processor i5-540M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost (3.06GHz), Hyper-Threading technology; 3MB cache</p>											Preloaded operating system²⁰
Memory	<p>2GB or 4GB std / 8GB max⁷ / PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-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 one socket; one socket available</p>											Preloaded applications¹⁴ (only some listed)
SATA DVD±RW SATA disk	<p>DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in</p> <p>250GB⁸ (5400 rpm), 320GB (5400 rpm or 7200 rpm) or 500GB (5400 rpm) /</p> <p>SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™</p>											
Widescreen display	<p>Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio</p> <p>Some: 15.6" (396mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio</p>											
Camera	Camera on top of screen, 0.3 or 2.0-megapixel, fixed focus											
Integrated graphics	<p>Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display;</p> <p>Max external resolution: 2048x1536 @75Hz; 1920x1080 (HDMI port)</p>											
Keyboard TrackPoint® Touch pad ThinkLight™	<p>6-row, spill-resistant, multimedia Fn keys</p> <p>TrackPoint pointing device, Internet Scroll Bar¹³</p> <p>UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch</p> <p>None</p>											Supports ThinkVantage® technologies
Dimensions ³ Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	<p>15.6W" (WxDxH): 14.96" x 9.72" x 1.27-1.48"; 380 x 247mm x 32.3-37.5mm</p> <p>4-cell: from 5.32 lb (2.42kg); 6-cell: from 5.50 lb (2.50kg); 9-cell: from 5.89 lb (2.67kg)</p> <p>Matte black or Black textured (top), trimmed with a thin silver band (side); black bottom</p> <p>Acrylonitrile-Butadiene-Styrene (ABS) plastic</p> <p>Lithium Ion 6-cell</p> <p>4-cell (32Whr): up to 2.9 hr; 6-cell (48Whr): up to 4.5 hr</p>											65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
Chipset ExpressCard/34 Multicard Reader Ports	<p>Mobile Intel HM55 Express Chipset</p> <p>One ExpressCard/34</p> <p>7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)</p> <p>Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)</p>											1-year Onsite Repair 9x5 NBD 45K5968
PCIe Mini Card 11b/g/n WWAN upg Modem Bluetooth™ Ethernet Intel AMT Audio support Security Security chip Fingerprint reader	<p>Two PCI Express Mini Card slots</p> <p>11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1</p> <p>None</p> <p>None</p> <p>Realtek® RTL8111DL Gigabit Network Connection</p> <p>None</p> <p>High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack</p> <p>Power-on password, hard disk password, supervisor password, security keyhole</p> <p>None</p> <p>None</p> <p>None</p> <p>Limited warranty¹² 1-year - depot repair service / service upgrades²² available</p>											2-year Onsite Repair 9x5 NBD 45K5969 3-year Onsite Repair 9x5 NBD 45K5970 4-year Onsite Repair 9x5 NBD 45K5973 2-year Depot Repair 45K5971 3-year Depot Repair 45K5972 4-year Depot Repair 45K5974 Post-warranty annual maintenance agreements at http://www.lenovo.com/services_warranty/us/en/index.html

See footnotes for important warranty information

US model(s) announced May 10, August 30, or December 13, 2011; or February 28, 2012

US model(s) withdrawn effective June 2012

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(LDN1-8) February 2013

Memory				
2GB PC3-10600 DDR3 L-H SODIMM	55Y3710	ann 03/02/10	ThinkPad 65W AC Adapter ⁴⁵	40Y7696 ann 01/05/06
2GB PC3-10600 DDR3 L-H SODIMM (25Pack)	57Y4416	ann 03/02/10	⁴⁵ Only compatible with the integrated graphics models.	
4GB PC3-10600 DDR3 L-H SODIMM	55Y3711	ann 03/02/10	ThinkPad 90W AC Adapter	40Y7659 ann 09/20/05
			90W Ultraslim AC/DC Combo Adapter	41R4493 ann 09/22/09
Storage and removable storage			More info at www.lenovo.com/support/poweradapters	
USB 2.0 Portable 320GB Hard Disk	45K1689	ann 03/17/09	Charging tips for 90W Ultraslim AC/DC Combo Adapter 41R4493	
USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09	• iPod and iPhone Charge Tip (L10a) 41R4481 ann 12/18/07	
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	ann 11/18/08	• Generic Micro USB charge tip (L18) 41R4490 ann 01/06/09	
USB 3.0 Secure 500GB Hard Drive	0A65619	ann 11/29/11	More information at www.lenovopowertips.com	
USB 3.0 Secure 750GB Hard Drive	0A65616	ann 11/29/11		
USB 3.0 Secure 1TB Hard Drive	0A65621	ann 08/28/12		
Lenovo Slim USB Portable DVD Burner	0A33988	ann 06/14/11		
ThinkPad Expansion				
Lenovo® Essential Notebook Stand	45J9292	ann 05/12/09	Carrying Cases	
USB 2.0 Port Replicator with Digital Video	0A33942	ann 03/22/11	ThinkPad 15W Case Sleeve	51J0477 ann 08/18/09
Keyboard			Lenovo Messenger Max	41U5253 ann 05/01/07
TrackPoint Cap Collection	73P2698	ann 12/16/03	Lenovo Performance BackPack	41U5254 ann 05/01/07
Ultraslim Plus Wireless Keyboard and Mouse ⁵²	0A34032	ann 04/05/11	ThinkPad Business Topload Case	43R2476 ann 05/13/08
USB Numeric Keypad	33L3225	ann 05/01/00	ThinkPad Business Backpack	43R2482 ann 05/13/08
Preferred Pro USB Keyboard	73P5220	ann 06/21/05	ThinkPad Deluxe Expander Case	43R2478 ann 05/13/08
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04	ThinkPad Executive Leather Case	43R2480 ann 05/13/08
Lenovo Mini Wireless Keyboard N5901 ⁵² (blk)	57Y6336		Lenovo Sport Backpack - Red	0A33896 ann 02/28/12
⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.			Lenovo Sport Slimcase - Red	0A33897 ann 02/28/12
ThinkPad USB Keyboard with TrackPoint	55Y9003	ann 08/18/09	Lenovo Sport Messenger - Red	0A33898 ann 02/28/12
Lenovo USB Fingerprint Keyboard	73P4730	ann 02/22/05	Lenovo Sport Backpack - Blue	0B47298 ann 08/28/12
Lenovo USB Smartcard Keyboard	51J0155	ann 03/24/09	Lenovo Sport Slimcase - Blue	0B47300 ann 08/28/12
Mouse			Lenovo Sport Messenger - Blue	0B47299 ann 08/28/12
ThinkPad Bluetooth Laser Mouse	0A36407	ann 06/26/12	Lenovo Sport Backpack - Grey	0B47301 ann 08/28/12
Lenovo Optical Mouse (USB)	06P4069	ann 05/21/03	Lenovo Sport Slimcase - Grey	0B47303 ann 08/28/12
Lenovo Laser Mouse (USB)	41U3074	ann 01/23/07	Lenovo Sport Messenger - Grey	0B47302 ann 08/28/12
ThinkPad USB Laser Mouse	57Y4635	ann 12/15/09		
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405	ann 08/27/02	More information at www.lenovo.com/support/cases	
ThinkPad Travel Mouse (USB, Optical)	31P7410	ann 06/04/02		
Lenovo Wireless Laser Mouse ⁵²	0A36188	ann 12/20/11	Monitors	
⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.			ThinkVision® L1711p 17" (VGA, DVI-D)	5047HB2 ann 10/20/09
Security			ThinkVision L1900p 19" (VGA, DVI-D)	4431HE1 ann 11/11/08
3M 15.6W Privacy Filter from Lenovo	0A61771	ann 04/05/11	ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ⁶⁹	2448MB6 ann 09/13/11
Kensington® MicroSaver® Cable Lock	73P2582	ann 12/29/03	ThinkVision L2250p Wide 22" (VGA, DVI-D)	2572HB6 ann 10/20/09
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08	ThinkVision L2251x Wide 22" (VGA, DP)	2578HB6 ann 10/20/09
Lenovo Security Cable Lock	57Y4303	ann 08/24/10	ThinkVision LT2252p Wide 22" (VGA, DP, DVI-D) ⁶⁹	2572MB6 ann 09/13/11
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06	ThinkVision LT2452p Wide 24" (VGA, DP, DVI-D) ⁶⁹	4420MB2 ann 09/13/11
Multimedia			⁶⁹ DisplayPort cable is not included.	
ThinkPad In-Ear Headphones with mic	57Y4488	ann 01/07/10	ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0)	1452DS6 ann 08/16/11
Lenovo Mini Speakers M220	55Y2033	ann 01/07/10	Lenovo LS2421p Wide 23.6" (VGA, HDMI)	4015LS1 ann 08/02/11
Lenovo Headphone P550	55Y2065		More information at www.lenovo.com/support/monitors	
Modem				
USB 2.0 Lenovo Modem	43R1814	ann 02/26/08	Monitor Accessories ⁴⁶	
Batteries ³⁷			Lenovo USB Soundbar	0A36190 ann 05/01/12
ThinkPad Battery 25 (4-cell)	51J0498	ann 10/22/09	Lenovo HDMI to HDMI Monitor Cable	0B47070 ann 05/22/12
ThinkPad Battery 25+ (6-cell)	51J0499	ann 10/22/09	Lenovo HDMI to VGA Monitor Cable	0B47069 ann 06/26/12
ThinkPad Battery 25++ (9-cell)	51J0500	ann 10/22/09	Lenovo USB-to-DVI Monitor Adapter	45K5296 ann 05/12/09
ThinkPad External Battery Charger ⁴⁴	40Y7625	ann 09/20/05	Kensington MicroSaver Cable Lock	73P2582 ann 12/29/03
⁴⁴ Requires the ThinkPad 90W AC Adapter 40Y7659 or the adapter provided with the system.			Kensington Twin Head Cable Lock	45K1620 ann 09/30/08
More information at www.lenovo.com/alldaycomputing			Lenovo Security Cable Lock	57Y4303 ann 08/24/10
			Lenovo Easy Reach Monitor Stand	55Y9258 ann 09/22/09
			⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.	
			For more information on accessories: www.lenovo.com/accessories	
			Purchase Lenovo accessories	
			www.lenovo.com/support/accessories	
			Product specifications on Lenovo Support	
			www.lenovo.com/accessoriesguide	
			Option Compatibility Matrix (OCM) and accessory brochures	
			www.lenovoquickpick.com	
			An Options Compatibility Configurator for Lenovo systems	

ThinkPad®



Lenovo® ThinkPad Edge E520



Lenovo ThinkPad Edge E520



Lenovo ThinkPad Edge E520



Lenovo ThinkPad Edge E520



Lenovo ThinkPad Edge E520



Lenovo ThinkPad Edge E520

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN /mSATA	Carrier	Top color	Finger print reader	Blue-tooth	Bat-tery cells	Preload
1143-3BU	i3-2310M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	None	Matte black			6	Pro 64
1143-3CU	i3-2310M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	None	Matte black			6	Prem 64
1143-3DU	i3-2310M	4GBx1	15.6" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Prem 64
1143-3EU	i3-2310M	4GBx1	15.6" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64
1143-3FU	i5-2410M	4GBx1	15.6" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64
1143-3GU	i5-2410M	4GBx1	15.6" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Prem 64
1143-7RU	i5-2520M	2GBx2	15.6" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64
1143-BNU	i3-2350M	4GBx1	15.6" HD	720p	500G 7200	Intel 1000	None	None	Matte black			6	Prem 64
1143-AFU	i5-2430M	4GBx1	15.6" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64
1143-AEU	i3-2350M	4GBx1	15.6" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64
1143-ADU	i3-2350M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	None	Matte black			6	Pro 64
1143-D8U	i3-2350M	4GBx1	15.6" HD	720p	750G 5400	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64
1143-D7U	i5-2430M	4GBx1	15.6" HD	720p	750G 5400	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64
1143-GWU	i5-2450M	4GBx1	15.6" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64
1143-EHU	i5-2450M	4GBx1	15.6" HD	720p	750G 5400	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64
1143-KEU	i3-2350M	4GBx1	15.6" HD	720p	500G 5400	TP 11b/g/n	None	None	Matte black		Blue	6	Prem 64
1143-KFU	i5-2450M	4GBx1	15.6" HD	720p	500G 5400	TP 11b/g/n	None	None	Matte black		Blue	6	Prem 64
1143-KGU	i5-2450M	4GBx1	15.6" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-2310M processor (dual-core, 2.10GHz, 3MB Cache) , DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-2350M processor (dual-core, 2.30GHz, 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 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 Intel Core i5-2520M processor (dual-core, 2.50GHz, 3MB Cache) , DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology	Preloaded operating system ²⁰ - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	Ready to install applications ¹⁴ (only some listed) <ul style="list-style-type: none">• Rescue and Recovery™• Access Connections™• Fingerprint Software (fingerprint models)• Password Manager (fingerprint models)• ThinkVantage System Update• ThinkVantage Power Manager• ThinkVantage Toolbox
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™	Preloaded applications ¹⁴ (only some listed) <ul style="list-style-type: none">• Norton™ Internet Security 2011 (30 days of virus definitions)• Adobe® Reader®• Skype™ for Windows• Windows Live™ Essentials• Microsoft Office 2010 preloaded; purchase product key to activate• Adobe Acrobat® X Standard (bundled with Microsoft Office)• Corel® WinDVD® (DVD±RW)• Corel Burn.Now™ Lenovo Edition (DVD±RW)• Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
mSATA™ SSD	None	
Widescreen display	15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	HD720p resolution, wide view angle, low light sensitive, fixed focus, LED indicator	
Graphics	Intel HD Graphics 3000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz</i>	
Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad	
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³	
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch	
ThinkLight™	None	
Dimensions ³	15.6W" (WxDxH): 14.96" x 9.78" x 1.15-1.33"; 380 x 248.5mm x 29.3-33.7mm	
Weight ²	6-cell: from 5.51 lb (2.5kg); 9-cell: from 5.86 lb (2.66kg)	
Case color	Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom	
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic	
Battery - type ³⁷	Lithium Ion 6-cell or 9-cell	
Battery - life ¹⁰	6-cell (48Whr): up to 6.2 hr; 9-cell (94Whr): up to 11.7 hr	
Chipset	Mobile Intel HM65 Express Chipset	
ExpressCard	One ExpressCard/34	
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)	
Ports	Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card WLAN ⁴	Two PCI Express Mini Card slots Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2	Supports ThinkVantage® technologies
WWAN	None	65-watt AC adapter
Modem	None	EPEAT™ Gold rating
Bluetooth™	Some: Bluetooth 3.0 wireless	ENERGY STAR® 5.0-compliant
Ethernet	Realtek® RTL8111E Gigabit Network Connection	RoHS-compliant
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 1 watt x 2/ mono digital microphone, combo audio/mic jack	International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
Security	Power-on password, hard disk password, supervisor password, security keyhole	For compatible accessories, please go to O-E520 sheet;
Security chip	None	For Lenovo ²² service upgrade options, please go to S-EDGE sheet
Fingerprint reader	Some: UPEK Fingerprint reader on palm rest, swipe sensor	
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available	

See footnotes for more detailed information

US model(s) announced April 19, Jun 21 or October 4, 2011; January 17 or February 28, 2012

US model(s) withdrawn effective September 2012

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(GGR1-1) February 2013

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN	Top color	Finger print reader	Blue-tooth	Bat-tery cells	Preload
1200-38U	E2-3000M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	Matte black			6	Pro 64
1200-39U	E2-3000M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	Matte black			6	Prem 64
1200-2MU	A4-3300M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n	Matte black	Finger	Blue	6	Pro 64
1200-2LU	A4-3300M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	Matte black			6	Pro 64
1200-3JU	A4-3305M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	Matte black			6	Pro 64

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles AMD Accelerated Processor E2-3000M (dual-core, 1.80GHz, 1MB L2 cache), integrated AMD Radeon™ HD 6380G Graphics, AMD Turbo Core technology (up to 2.40GHz), integrated DDR3 memory controller (up to 1333MHz) AMD Accelerated Processor A4-3300M (dual-core, 1.90GHz, 2MB L2 cache), integrated AMD Radeon HD 6480G Graphics, AMD Turbo Core technology (up to 2.50GHz), integrated DDR3 memory controller (up to 1333MHz) AMD Accelerated Processor A4-3305M (dual-core, 1.90GHz, 1MB L2 cache), integrated AMD Radeon HD 6480G Graphics, AMD Turbo Core technology (up to 2.50GHz), integrated DDR3 memory controller (up to 1333MHz)	Preloaded operating system²⁰ - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	Ready to install applications¹⁴ (only some listed) <ul style="list-style-type: none">• Rescue and Recovery™• Access Connections™• Fingerprint Software (fingerprint models)• Password Manager (fingerprint models)• ThinkVantage System Update• ThinkVantage Power Manager• ThinkVantage Toolbox
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™	
Widescreen display Camera	15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, fixed focus, LED indicator	
Graphics	AMD Radeon HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; <i>Max external resolution: 1920x1600 (VGA)@60Hz; 1920x1080p (HDMI)@60Hz</i>	Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none">• Adobe® Reader®• Skype™ for Windows• Windows Live™ Essentials• Microsoft Office 2010 preloaded; purchase product key to activate• Adobe Acrobat® X Standard (bundled with Microsoft Office)• Corel® WinDVD® (DVD±RW)• Corel Burn.Now™ Lenovo Edition (DVD±RW)• Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint® pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	
Dimensions ³ Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	15.6W" (WxDxH): 14.96" x 9.78" x 1.2-1.51"; 380mm x 248.5mm x 30.6-38.3mm 6-cell: from 5.69 lb (2.58kg); 9-cell: from 6.04 lb (2.74kg) Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell 6-cell (48Whr): up to 3.75 hr; 9-cell (94Whr): up to 7.4 hr	
Chipset ExpressCard Multicard Reader Ports	AMD A60M FCH One ExpressCard/34 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	Supports ThinkVantage® technologies
PCIe Mini Card WLAN ⁴ Modem Bluetooth™ Ethernet Audio support	One PCI Express Half Mini Card slot 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 None Some: Bluetooth 3.0 wireless Realtek® RTL8111E Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 1 watt x 2/ mono digital microphone, combo audio/mic jack	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None Some: UPEK Fingerprint reader on palm rest, swipe sensor	For compatible accessories, please go to O-E520 sheet; For Lenovo ²² service upgrade options, please go to S-EDGE sheet
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available	

See footnotes for more detailed information

US model(s) announced January 17, 2012; previous model(s) on August 30 or September 6, 2011
US model(s) withdrawn effective July 2012© Lenovo
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Memory

2GB PC3-10600 DDR3 L-H SODIMM
 2GB PC3-10600 DDR3 L-H SODIMM (25Pack)
 4GB PC3-10600 DDR3 L-H SODIMM

55Y3710 ann 03/02/10
 57Y4416 ann 03/02/10
 55Y3711 ann 03/02/10

ThinkPad 65W AC Adapter⁴⁵ 40Y7696 ann 01/05/06
⁴⁵ Only compatible with the integrated graphics models.
 ThinkPad 90W AC Adapter 40Y7659 ann 09/20/05
 90W Ultraslim AC/DC Combo Adapter 41R4493 ann 09/22/09

Storage and removable storage

USB 2.0 Portable 320GB Hard Disk
 USB 2.0 Portable 500GB Hard Disk
 USB 2.0 Portable Secure 320GB Hard Disk
 USB 3.0 Secure 500GB Hard Drive
 USB 3.0 Secure 750GB Hard Drive
 USB 3.0 Secure 1TB Hard Drive
 Lenovo Slim USB Portable DVD Burner

45K1689 ann 03/17/09
 45K1690 ann 05/26/09
 43R2019 ann 11/18/08
 0A65619 ann 11/29/11
 0A65616 ann 11/29/11
 0A65621 ann 08/28/12
 0A33988 ann 06/14/11

More info at www.lenovo.com/support/poweradapters

Charging tips for 90W Ultraslim AC/DC Combo Adapter 41R4493

• iPod and iPhone Charge Tip (L10a) 41R4481 ann 12/18/07
 • Generic Micro USB charge tip (L18) 41R4490 ann 01/06/09

More information at www.lenovopowertips.com

ThinkPad Expansion

Lenovo® Essential Notebook Stand
 USB 2.0 Port Replicator with Digital Video

45J9292 ann 05/12/09
 0A33942 ann 03/22/11

Keyboard

TrackPoint Cap Collection
 Ultrathin Plus Wireless Keyboard and Mouse⁵²
 USB Numeric Keypad
 Preferred Pro USB Keyboard
 Enhanced Performance USB Keyboard
 Lenovo Mini Wireless Keyboard N5901⁵² (blk)
⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.

73P2698 ann 12/16/03
 0A34032 ann 04/05/11
 33L3225 ann 05/01/00
 73P5220 ann 06/21/05
 73P2620 ann 03/23/04
 57Y6336
 0A36407 ann 06/26/12
 06P4069 ann 05/21/03
 41U3074 ann 01/23/07
 57Y4635 ann 12/15/09
 31P7405 ann 08/27/02
 31P7410 ann 06/04/02
 0A36188 ann 12/20/11

Carrying Cases

Up to 15.6" widescreen models:

Lenovo Messenger Max 41U5253 ann 05/01/07
 Lenovo Performance BackPack 41U5254 ann 05/01/07
 ThinkPad Business Topload Case 43R2476 ann 05/13/08
 ThinkPad Business Backpack 43R2482 ann 05/13/08
 ThinkPad Deluxe Expander Case 43R2478 ann 05/13/08
 ThinkPad Executive Leather Case 43R2480 ann 05/13/08
 Lenovo Sport Backpack - Red 0A33896 ann 02/28/12
 Lenovo Sport Slimcase - Red 0A33897 ann 02/28/12
 Lenovo Sport Messenger - Red 0A33898 ann 02/28/12
 Lenovo Sport Backpack - Blue 0B47298 ann 08/28/12
 Lenovo Sport Slimcase - Blue 0B47300 ann 08/28/12
 Lenovo Sport Messenger - Blue 0B47299 ann 08/28/12
 Lenovo Sport Backpack - Grey 0B47301 ann 08/28/12
 Lenovo Sport Slimcase - Grey 0B47303 ann 08/28/12
 Lenovo Sport Messenger - Grey 0B47302 ann 08/28/12

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

Mouse

ThinkPad Bluetooth Laser Mouse
 Lenovo Optical Mouse (USB)
 Lenovo Laser Mouse (USB)
 ThinkPad USB Laser Mouse
 Lenovo ScrollPoint® Mouse (USB, Optical)
 ThinkPad Travel Mouse (USB, Optical)
 Lenovo Wireless Laser Mouse⁵²

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

0A36407 ann 06/26/12
 06P4069 ann 05/21/03
 41U3074 ann 01/23/07
 57Y4635 ann 12/15/09
 31P7405 ann 08/27/02
 31P7410 ann 06/04/02
 0A36188 ann 12/20/11

ThinkVision® L1711p 17" (VGA, DVI-D) 5047HB2 ann 10/20/09
 ThinkVision L1900p 19" (VGA, DVI-D) 4431HE1 ann 11/11/08
 ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D)⁶⁹ 2448MB6 ann 09/13/11
 ThinkVision L2250p Wide 22" (VGA, DVI-D) 2572HB6 ann 10/20/09
 ThinkVision L2251x Wide 22" (VGA, DP) 2578HB6 ann 10/20/09
 ThinkVision LT2252p Wide 22" (VGA, DP, DVI-D)⁶⁹ 2572MB6 ann 09/13/11
 ThinkVision LT2452p Wide 24" (VGA, DP, DVI-D)⁶⁹ 4420MB2 ann 09/13/11

⁶⁹ DisplayPort cable is not included.

ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) 1452DS6 ann 08/16/11
 Lenovo LS2421p Wide 23.6" (VGA, HDMI) 4015LS1 ann 08/02/11

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

Multimedia

3M 15.6W Privacy Filter from Lenovo

Kensington® MicroSaver® Cable Lock

Kensington Twin Head Cable Lock

Lenovo Security Cable Lock

USB Gemplus GemPC Smart Card Reader

0A61771 ann 04/05/11
 73P2582 ann 12/29/03
 45K1620 ann 09/30/08
 57Y4303 ann 08/24/10
 41N3040 ann 02/21/06

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

Monitor Accessories⁴⁶

Lenovo USB Soundbar 0A36190 ann 05/01/12
 Lenovo HDMI to HDMI Monitor Cable 0B47070 ann 05/22/12
 Lenovo HDMI to VGA Monitor Cable 0B47069 ann 06/26/12
 Lenovo USB-to-DVI Monitor Adapter 45K5296 ann 05/12/09
 Kensington MicroSaver Cable Lock 73P2582 ann 12/29/03
 Kensington Twin Head Cable Lock 45K1620 ann 09/30/08
 Lenovo Security Cable Lock 57Y4303 ann 08/24/10
 Lenovo Easy Reach Monitor Stand 55Y9258 ann 09/22/09

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

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

For more information on accessories:

www.lenovo.com/accessories

Purchase Lenovo accessories

www.lenovo.com/support/accessories

Product specifications on Lenovo Support

www.lenovo.com/accessoriesguide

Option Compatibility Matrix (OCM) and accessory brochures

www.lenovoquickpick.com

An Options Compatibility Configurator for Lenovo systems

More information at www.lenovo.com/alldaycomputing

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ThinkPad®



Lenovo® ThinkPad SL300



Lenovo ThinkPad SL300



Lenovo ThinkPad SL300



Lenovo ThinkPad SL300



ThinkPad Ultraportable Case
41U5062



ThinkPad Bluetooth Laser Mouse
41U5008

Type-model	Processor	GHz	Memory	Wide-screen display	Screen type	Cam-era	Integrated graphics	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB or Turbo	Blue-tooth cells	Battery cells	Bat-Preload	Available date
2738-4BU T5670	1.80	<i>2GB</i>	13.3" WXGA Glossy	Cam	GMA	250G	5400	DVD±RW	* Intel 5100 ²⁸	AT&T ²³	None	Blue	6	Home P	Aug 08	
2738-4CU T5670	1.80	<i>2GB</i>	13.3" WXGA Glossy	Cam	GMA	160G	5400	DVD±RW	* Intel 5100	AT&T	None	Blue	6	Bus 32	Aug 08	
2738-4DU T5670	1.80	<i>2GB</i>	13.3" WXGA Glossy	Cam	GMA	250G	5400	DVD±RW	* Intel 5100	AT&T	None	Blue	6	Bus 32	Aug 08	
2738-4EU T5670	1.80	<i>2GB</i>	13.3" WXGA Glossy	Cam	GMA	250G	5400	DVD±RW	* Intel 5100	WWAN upg	None	Blue	6	Home P	Aug 08	
2738-4FU T5670	1.80	<i>2GB</i>	13.3" WXGA Glossy	Cam	GMA	160G	5400	DVD±RW	* Intel 5100	WWAN upg	None	Blue	6	Bus 32	Aug 08	
2738-4HU T5670	1.80	<i>2GB</i>	13.3" WXGA Glossy	Cam	GMA	250G	5400	DVD±RW	* Intel 5100	WWAN upg	None	Blue	6	Bus 32	Aug 08	
2738-24U P8600	2.40	<i>2GB</i>	13.3" WXGA Glossy	Cam	GMA	250G	5400	DVD±RW	⋮ Intel 5100	AT&T	None	Blue	4	Bus 32	Aug 08	
2738-25U P8400	2.26	<i>2GB</i>	13.3" WXGA Glossy	Cam	GMA	160G	5400	DVD±RW	⋮ Intel 5100	AT&T	None	Blue	4	Bus 32	Aug 08	
2738-43U P8600	2.40	<i>2GB</i>	13.3" WXGA Glossy	Cam	GMA	250G	5400	DVD±RW	⋮ Intel 5100	AT&T	None	Blue	6	Bus 32	Aug 08	
2738-44U P8400	2.26	<i>2GB</i>	13.3" WXGA Glossy	Cam	GMA	160G	5400	DVD±RW	⋮ Intel 5100	AT&T	None	Blue	6	Bus 32	Aug 08	
2738-48U P8600	2.40	<i>2GB</i>	13.3" WXGA Glossy	Cam	GMA	250G	5400	DVD±RW	⋮ Intel 5100	WWAN upg	None	Blue	6	Bus 32	Aug 08	
2738-49U P8400	2.26	<i>2GB</i>	13.3" WXGA Glossy	Cam	GMA	160G	5400	DVD±RW	⋮ Intel 5100	WWAN upg	None	Blue	6	Bus 32	Aug 08	
2738-72U P8400	2.26	2GB	13.3" WXGA Glossy	Cam	GMA	160G	5400	DVD±RW	⋮ Intel 5100	AT&T	None	Blue	6	XP Pro	Aug 08	
2738-73U P8600	2.40	2GB	13.3" WXGA Glossy	Cam	GMA	250G	5400	DVD±RW	⋮ Intel 5100	WWAN upg	None	Blue	6	XP Pro	Aug 08	
2738-74U T5670	1.80	2GB	13.3" WXGA Glossy	Cam	GMA	160G	5400	DVD±RW	* Intel 5100	WWAN upg	None	Blue	6	XP Pro	Aug 08	
2738-75U T5670	1.80	2GB	13.3" WXGA Glossy	Cam	GMA	250G	5400	DVD±RW	* Intel 5100	WWAN upg	None	Blue	6	XP Pro	Aug 08	
2738-76U P8400	2.26	2GB	13.3" WXGA Glossy	Cam	GMA	160G	5400	DVD±RW	⋮ Intel 5100	WWAN upg	None	Blue	6	XP Pro	Aug 08	
2738-82U P7370	2.00	2GB	13.3" WXGA Glossy	Cam	GMA	250G	5400	DVD±RW	⋮ Intel 5100	WWAN upg	None	Blue	6	XP Pro	Sep 08	
2738-2ZU T5870	2.00	2GB	13.3" WXGA Glossy	Cam	GMA	250G	5400	DVD±RW	* Intel 5100	WWAN upg	None	Blue	6	XP Pro	Oct 08	

• These small and medium business (SMB) models are part of the US TopSeller™ Program

Processor	Intel® Core™ 2 Duo processor T5670 or T5870 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7370, P8400, or P8600 with dual-core, Intel HD boost, 1066MHz system bus, and 3MB L2 cache													Preloaded operating system ²⁰
Memory	2GB 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													- Some: Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business) - Some: Genuine Windows Vista Home Premium 32 - Some: Genuine Windows Vista Business 32 ◊ Vista models: Vista Premium logo
SATA DVD±RW	<i>Some:</i> DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in													Preloaded applications ¹⁴ (all OSes)
SATA disk	160GB⁸ (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™													• Lenovo Care™ Tools • Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage System Update • Fingerprint Software • McAfee VirusScan® Plus with SiteAdvisor™ (30 days of virus definitions) • PC-Doctor™ (diagnostics) • ThinkPad Utilities (Power Manager and Presentation Director) • Adobe® Reader • Windows Live™ Toolbar and Search • Microsoft® Office 2007 Trial (60-day) • Roxio® Creator® Small Business Edition • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW)
Widescreen display	13.3" (338mm) WXGA (1280x800) color, VibrantView (glossy), LED backlight, 300 nits, 16:10 aspect ratio, 300:1 contrast ratio													65-watt (GMA graphics) AC adapter RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
Camera	<i>Some:</i> camera on top of screen, 1.3-megapixel, fixed focus													ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD 45K5968 ThinkPlus 2-year LOR 9x5 NBD 45K5969 ThinkPlus 3-year LOR 9x5 NBD 45K5970 ThinkPlus 4-year LOR 9x5 NBD 45K5973 ThinkPlus 5-year LOR 9x5 NBD 45K5975 ThinkPlus 2-year P&L P/U Depot 45K5971 ThinkPlus 3-year P&L P/U Depot 45K5972 ThinkPlus 4-year P&L P/U Depot 45K5974 ThinkPlus 5-year P&L P/U Depot 45K5976 Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, HDMI port supporting HDCP to output protected content; <i>Max external resolution: 2048x1536@75Hz (VGA DB-15); 1920x1080 (HDMI)</i>													
Keyboard	89-key, Lenovo® Care button, spill-resistant, multimedia Fn keys													
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass													
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label													
Lighting FX	Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo													
Dimensions ³	6-cell (WxDxH): 12.5" x 9.4" x 1.18–1.33"; 318mm x 238mm x 30–34mm													
Weight ²	4-cell: starting at 4.57 lb (2.07kg) 6-cell: starting at 4.76 lb (2.16kg)													
Case color	Black													
Case material	Scratch-resistant ABS plastic, high-gloss top cover													
Battery - type	Lithium Ion 4-cell or 6-cell													
Battery - life ¹⁰	4-cell: up to 3.0 hr; 6-cell: up to 4.5 hr													
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, security chip, ethernet MAC), LPC bus (IT8752 Super I/O)													
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)													
Multicard reader	7-in-1 reader (MMC, Memory Stick, Mem Stick PRO™, SD, SDHC, XD, XD Type H)													
PC Card	None													
Smart Card read	None													
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)													
Mini PCI Express	Three Mini PCI Express slots													
Intel 5100 ²⁸	11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)													
WWAN upg	<i>Some:</i> Wireless WAN upgradable, optional AT&T® (43R9152)													
AT&T ²³	<i>Some:</i> Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T®													
2G Turbo	None													
UWB	None													
Modem	56K V.92 ⁶ modem													
Bluetooth™	Bluetooth 2.0 wireless, LED indicator													
Ethernet	Realtek RTL8111C Gigabit Network Connection, PHY, PCIe x1													
Intel AMT	None													
Audio support	High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 1.5 watt / volume up, down, mute buttons / dual array microphone, mic input jack, headphone jack													
Security	Power-on password, hard disk password, supervisor password, security keyhole													
Security chip	None													
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor, supports the security chip													
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ depot repair service / service upgrades ²² available													

See footnotes for important warranty information
US models announced August 12, August 19,
September 30 or October 14, 2008
US models withdrawn effective September 2008, January or September 2009

* Intel Centrino® processor technology
⋮ Intel Centrino 2 processor technology

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Type-model	Proc-essor	GHz	Memory	Wide-screen display	Screen type	Cam-era	Integrated graphics	Disk GB ³	SATA rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB	Blue-tooth or Turbo	Finger print reader	Battery cells	Avail date
2738-A2U	T5870	2.00	2GB	13.3" WXGA Glossy	GMA	160G	5400	DVD±RW	* Intel 5100 ²⁸	WWAN upg	None	Blue	Fing	6	XP Pro	Dec 08	
2738-A3U	T5870	2.00	2GB	13.3" WXGA Glossy	GMA	160G	5400	DVD±RW	* Intel 5100	WWAN upg	None	Blue	Fing	6	Bus 32	Dec 08	
2738-A4U	T5870	2.00	3GB	13.3" WXGA Glossy	Cam	GMA	250G	5400	DVD±RW	* Intel 5100	WWAN upg	None	Blue	6	Home P	Dec 08	
2738-2JU	P8600	2.40	2GB	13.3" WXGA Glossy	Cam	GMA	250G	5400	DVD±RW	‡ Intel 5100	WWAN upg	None	Fing	4	Bus 32	Dec 08	
2738-H2U	P8600	2.40	2GB	13.3" WXGA Glossy	GMA	160G	5400	DVD±RW	‡ WiMAX	None	Blue	Fing	6	Bus 32	Jan 09		
2738-K3U	T5870	2.00	1GB	13.3" WXGA Glossy	GMA	160G	5400	DVD±RW	* Intel 5100	None	6	XP Pro	Feb 09				

- These small and medium business (SMB) models are part of the US TopSeller™ Program

Processor	Intel® Core™ 2 Duo processor T5870 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P8600 with dual-core, Intel HD boost, 1066MHz system bus, and 3MB L2 cache														Preloaded operating system ²⁰
Memory	1GB, 2GB, or 3GB 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														- Some: Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business
SATA DVD±RW	<i>Some:</i> DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in														- Some: Genuine Windows Vista Home Premium 32
SATA disk	160GB⁸ (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™														◆ 2JU model: Vista Premium logo ◆ Other Vista models: Vista Basic logo
Widescreen display	13.3" (338mm) WXGA (1280x800) color, VibrantView (glossy), LED backlight, 300 nits, 16:10 aspect ratio, 300:1 contrast ratio														Preloaded applications ¹⁴ (all OSes; only some listed)
Camera	<i>Some:</i> camera on top of screen, 1.3-megapixel, fixed focus														• Lenovo Care™ Tools • Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage System Update • Fingerprint Software (fingerprint models) • ThinkPad Utilities (Power Manager and Presentation Director) • Roxio® Creator® Small Business Edition (DVD±RW) • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW)
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD), in GM45, HDMI port supporting HDCP to output protected content; <i>Max external resolution:</i> 2048x1536@75Hz (VGA DB-15); 1920x1080 (HDMI)														Supports ThinkVantage® technologies
Keyboard	6-row, Lenovo® Care button, spill-resistant, multimedia Fn keys														65-watt (GMA graphics) AC adapter
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass														RoHS-compliant
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label														International Warranty Service ¹⁷
Lighting FX	Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo														24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
Dimensions ³	6-cell (WxDxH): 12.5" x 9.4" x 1.18–1.33", 318mm x 238mm x 30–34mm														ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD
Weight ²	4-cell: starting at 4.57 lb (2.07kg) 6-cell: starting at 4.76 lb (2.16kg)														45K5968
Case color	Black														ThinkPlus 2-year LOR 9x5 NBD
Case material	Scratch-resistant ABS plastic, high-gloss top cover														45K5969
Battery - type	Lithium Ion 4-cell or 6-cell														
Battery - life ¹⁰	4-cell: up to 3.0 hr; 6-cell: up to 4.5 hr														
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC), LPC bus (IT8752 Super I/O)														
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)														
Multicard reader	7-in-1 reader (MMC, Memory Stick, Mem Stick PRO™, SD, SDHC, XD, XD Type H)														
PC Card	None														
Smart Card read	None														
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)														
Mini PCI Express	Three Mini PCI Express slots														
Intel 5100 ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)														
WiMAX	<i>Some:</i> 11a/b/g/n and WiMAX wireless ⁴ , Mini PCIe adap, Intel WiMAX/WiFi Link 5150, 1x2 (300Mbps) WiFi + 1x2 WiMAX (Echo Peak)														
WWAN upg	<i>Some:</i> Wireless WAN upgradable, optional AT&T® (43R9152)														
2G Turbo	None														
UWB	None														
Modem	56K V.92 ⁶ modem														
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless, LED indicator														
Ethernet	Realtek RTL8111C Gigabit Network Connection, PHY, PCIe x1														
Intel AMT	None														
Audio support	High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 1.5 watt / volume up, down, mute buttons / dual array microphone, mic input jack, headphone jack														
Security	Power-on password, hard disk password, supervisor password, security keyhole														
Security chip	None														
Fingerprint reader	<i>Some:</i> Fingerprint reader on palm rest, swipe sensor														
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available														

See footnotes for important warranty information
US models announced Dec 16, 2008,
Jan 6, 2009 or Feb 24, 2009

* Intel Centrino® processor technology
‡ Intel Centrino 2 processor technology

US models withdrawn effective September 2009 or April 2010

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Type-model	Proc-essor	GHz	Memory	Wide-screen display	Screen type	Cam-era	Discrete graphics	Disk SATA GB ⁸	rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB or Turbo	Blue-tooth	Bat-tery cells	Bat-tery cells Preload	Avail date
2738-22U	T9400	2.53	4GB	13.3" WXGA	Glossy Cam	9300M	320G	5400	BD burner	Intel 5100	AT&T ²³	2G Turbo	Blue	6	Ult 32	Aug 08	
2738-23U	P8600	2.40	2GB	13.3" WXGA	Glossy Cam	9300M	250G	5400	DVD±RW	Intel 5100	AT&T	2G Turbo	Blue	6	Bus 32	Aug 08	
2738-42U	P8400	2.26	2GB	13.3" WXGA	Glossy Cam	9300M	160G	5400	DVD±RW	Intel 5100	AT&T	Blue	6	Bus 32	Aug 08		
2738-46U	P8400	2.26	2GB	13.3" WXGA	Glossy Cam	9300M	160G	5400	DVD±RW	Intel 5100	WWAN upg	Blue	6	Bus 32	Aug 08		
2738-7CU	P8600	2.40	2GB	13.3" WXGA	Glossy Cam	9300M	250G	5400	DVD±RW	Intel 5100	AT&T	Blue	6	XP Pro	Aug 08		
2738-7DU	P8400	2.26	2GB	13.3" WXGA	Glossy Cam	9300M	160G	5400	DVD±RW	Intel 5100	WWAN upg	Blue	6	XP Pro	Aug 08		
2738-H3U	P8600	2.40	2GB	13.3" WXGA	Glossy Cam	9300M	250G	5400	BD player	Intel 5100		Blue	6	XP Pro	Feb 09		

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- A comprehensive computing solution for small and medium business
- Balanced between serious business computing and powerful multimedia features

Processor	Intel® Core™ 2 Duo processor P8400, P8600, or T9400 with dual-core, Intel HD boost, 1066MHz system bus; P8400/P8600: 3MB L2 cache; T9400: 6MB L2 cache													Preloaded operating system ²⁰
Memory	2GB or 4GB 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													- Some: Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business
SATA DVD±RW	<i>Some:</i> DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in													- Some: Genuine Windows Vista Business 32
SATA BD burner	<i>Some:</i> Blu-ray™ burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in													- Some: Genuine Windows Vista Ultimate 32
SATA BD player	<i>Some:</i> Blu-ray player, DVD burner, SATA 1.5Gb/s, 12.7mm, fixed, not removable, tray-in													◆ Vista models: Vista Premium logo
SATA disk	160GB⁸ (5400 rpm), 250GB (5400 rpm), or 320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™													Preloaded applications ¹⁴ (all OSes; only some listed)
Widescreen display	13.3" (338mm) WXGA (1280x800) color, VibrantView (glossy), LED backlight, 300 nits, 16:10 aspect ratio, 300:1 contrast ratio													• Lenovo Care™ Tools
Camera	Camera on top of screen, 1.3-megapixel, fixed focus													• Rescue and Recovery™
Discrete graphics	NVIDIA® GeForce 9300M, PCI Express® x16, 128MB memory, HDMI port supporting HDCP to output protected content; Max external resolution: 2048x1536@85Hz (VGA DB-15 port); 1920x1080 (HDMI port)													• Access Connections™
Keyboard	6-row, Lenovo® Care button, spill-resistant, multimedia Fn keys													• Password Manager
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass													• ThinkVantage System Update
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label													• Fingerprint Software
Lighting FX	Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo													• Lenovo System Toolbox
Dimensions ³	6-cell (WxDxH): 12.5" x 9.4" x 1.18-1.33"; 318mm x 238mm x 30-34mm													• ThinkPad Utilities (Power Manager and Presentation Director)
Weight ²	6-cell: starting at 4.76 lb (2.16kg)													• Roxio® Creator® Business Edition (DVD±RW)
Case color	Black													• Roxio MyDVD® (DVD±RW)
Case material	Scratch-resistant ABS plastic, high-gloss top cover													• Corel® WinDVD® (DVD±RW, Blu-ray)
Battery - type	Lithium Ion 6-cell													• Ulead® DVD MovieFactory® (Blu-ray)
Battery - life ¹⁰	6-cell: up to 4.5 hr													• Ulead Burn.Now™ and Data-Add (Blu-ray)
Chipset	Mobile Intel PM45 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), LPC bus (IT8752 Super I/O)													90-watt (NVIDIA graphics) AC adapter
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)													RoHS-compliant
Multicard reader	7-in-1 reader (MMC, Memory Stick, Mem Stick PRO™, SD, SDHC, XD, XD Type H)													International Warranty Service ¹⁷
PC Card	None													24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
Smart Card read	None													ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD 45K5968
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)													ThinkPlus 2-year LOR 9x5 NBD 45K5969
Mini PCI Express	Three Mini PCI Express slots													ThinkPlus 3-year LOR 9x5 NBD 45K5970
Intel 5100 ²⁸	11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)													ThinkPlus 4-year LOR 9x5 NBD 45K5973
WWAN upg	<i>Some:</i> Wireless WAN upgradable, optional AT&T® (43R9152)													ThinkPlus 5-year LOR 9x5 NBD 45K5975
AT&T ²³	<i>Some:</i> Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T													ThinkPlus 2-year P&L P/U Depot 45K5971
2G Turbo	<i>Some:</i> Intel Turbo Memory, Half-Mini PCIe adapter, 2GB flash, disk-cache accelerator													ThinkPlus 3-year P&L P/U Depot 45K5972
UWB	None													ThinkPlus 4-year P&L P/U Depot 45K5974
Modem	56K V.92 ⁶ modem													ThinkPlus 5-year P&L P/U Depot 45K5976
Bluetooth™	Bluetooth 2.1 wireless, LED indicator													Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty
Ethernet	Realtek RTL8111C Gigabit Network Connection, PHY, PCIe x1													
Intel AMT	None													
Audio support	High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 1.5 watt / volume up, down, mute buttons / dual array microphone, mic input jack, headphone jack													
Security	Power-on password, hard disk password, supervisor password, security keyhole													
Security chip	None													
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor													
Limited warranty ¹² 1-year - depot repair service / service upgrades ²² available														

See footnotes for important warranty information

♦ Intel Centrino 2 processor technology

US models announced August 12 or August 19, 2008, or February 10, 2009

US models withdrawn effective September 2008, September 2009, or April 2010

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(CAR1-2) April 2010

Memory		Batteries	
1GB PC2-5300 DDR2 SODIMM	40Y7734 ann 01/05/06	ThinkPad Battery 41+ (6-cell)	40Y6799 ann 01/05/06
1GB PC2-5300 DDR2 SODIMM (25-Pack)	51J0502 ann 03/17/09	ThinkPad Battery 41++ (9-cell)	40Y6797 ann 09/20/05
2GB PC2-5300 DDR2 SODIMM	40Y7735 ann 11/28/06	ThinkPad External Battery Charger ⁴⁴	40Y7625 ann 09/20/05
2GB PC2-5300 DDR2 SODIMM (25-Pack)	51J0548 ann 03/17/09	⁴⁴ Requires the ThinkPad 90W AC Adapter 40Y7659 or the adapter provided with the system.	
Storage and removable storage		More information at www.lenovo.com/alldaycomputing	
SL 320GB Disk SATA 1.5Gb/s (5400 rpm)	43N3405 ann 07/15/08	ThinkPad 65W AC Adapter ⁴⁵	40Y7696
USB 2.0 Essential Memory Key 4GB	45J7904 ann 06/24/08	⁴⁵ Only compatible with the integrated graphics models.	
USB 2.0 Essential Memory Key 8GB	45J7905 ann 07/15/08	ThinkPad 90W AC Adapter	40Y7659 ann 09/20/05
USB 2.0 Essential Memory Key 32GB	45K1258 ann 10/28/08	90W Ultrathin AC/DC Combo Adapter	41R4493 ann 09/22/09
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 320GB Hard Disk	45K1689 ann 03/17/09		
USB 2.0 Portable 500GB Hard Disk	45K1690 ann 05/26/09		
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		
eSATA/USB 2.0 Secure 500GB Hard Drive	57Y4400 ann 01/07/10		
USB 2.0 Super Multi-Burner Drive	41N5565 ann 01/23/07		
USB 2.0 Portable DVD Burner	43N3264 ann 01/05/10		
Wireless WAN (Mini PCI Express)		More information at www.lenovopowertips.com	
<i>Only WWAN upgradable models:</i>			
Verizon® WWAN UNDP Broadband Mini PCIe	43R9151 ann 08/05/08		
AT&T® WWAN HSPA Broadband Mini PCIe	43R9152 ann 08/26/08		
ThinkPad Expansion		Carrying Cases	
Lenovo® Essential Notebook Stand	45J9292 ann 05/12/09	<i>Up to 13.3" widescreen models:</i>	
USB Port Replicator with Digital Video	45K1610 ann 07/28/09	ThinkPad Ultraportable Case	41U5062 ann 05/13/08
Keyboard		<i>Up to 15.4" widescreen models:</i>	
TrackPoint Cap Collection	73P2698 ann 12/16/03	ThinkPad 15W Case Sleeve	51J0477 ann 08/18/09
USB Numeric Keypad	33L3225 ann 05/01/00	Lenovo Business Messenger Case	51J0475 ann 08/18/09
Preferred Pro USB Keyboard	73P5220 ann 06/21/05	Lenovo Messenger Max	41U5253 ann 05/01/07
Enhanced Performance USB Keyboard	73P2620 ann 03/23/04	Lenovo Performance BackPack	41U5254 ann 05/01/07
Ultraslim Wireless Keyboard and Mouse ⁵²	57Y4700 ann 09/15/09	Checkpoint Friendly Business Topload Case	51J0418 ann 05/05/09
⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.		ThinkPad Business Topload Case	43R2476 ann 05/13/08
ThinkPad USB Keyboard with TrackPoint	55Y9003 ann 08/18/09	ThinkPad Business Backpack	43R2482 ann 05/13/08
Preferred Pro USB Fingerprint Keyboard	73P4730 ann 02/22/05	ThinkPad Deluxe Expander Case	43R2478 ann 05/13/08
Lenovo USB Smartcard Keyboard	51J0155 ann 03/24/09	ThinkPad Executive Leather Case	43R2480 ann 05/13/08
Mouse		Monitors	
Lenovo Mini Optical Mouse - Black (USB)	55Y9308 ann 05/19/09	ThinkVision® L1711p 17" Monitor	5047HB2 ann 10/20/09
Lenovo Mini Optical Mouse - White (USB)	55Y9309 ann 05/19/09	ThinkVision L1900p 19" Monitor	4431HE1 ann 11/11/08
Lenovo Optical Mouse (USB)	06P4069 ann 05/21/03	ThinkVision L1951p Wide 19" Monitor	2448HB6 ann 10/20/09
Lenovo Laser Mouse (USB)	41U3074 ann 01/23/07	ThinkVision L2250p Wide 22" Monitor	2572HB6 ann 10/20/09
ThinkPad USB Laser Mouse	57Y4635 ann 12/15/09	ThinkVision L2251p Wide 22" Monitor	2572HD6 ann 10/20/09
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405 ann 08/27/02	ThinkVision L2251x Wide 22" Monitor	2578HB6 ann 10/20/09
ThinkPad Travel Mouse (USB, Optical)	31P7410 ann 06/04/02	ThinkVision L2440p Wide 24" Monitor	4420HB2 ann 09/17/08
ThinkPad Bluetooth Laser Mouse	41U5008 ann 01/22/08		
Security		Monitor Accessories ⁴⁶	
Kensington® MicroSaver® Cable Lock	73P2582 ann 12/29/03	ThinkVision USB Soundbar	40Y7616 ann 08/23/05
Kensington Twin Head Cable Lock	45K1620 ann 09/30/08	ThinkVision Soundbar	45K1263 ann 09/16/08
USB Gemplus GemPC Smart Card Reader	41N3040 ann 02/21/06	Kensington MicroSaver Cable Lock	73P2582 ann 12/29/03
ExpressCard Gemplus Smart Card Reader ⁴⁷	41N3043 ann 06/27/06	Kensington Twin Head Cable Lock	45K1620 ann 09/30/08
⁴⁷ Requires ExpressCard slot		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.	
Multimedia		More information at www.lenovo.com/support/monitoraccessories	
ThinkPad In-Ear Headphones	57Y4488 ann 01/07/10		
		For more information on ThinkPad SL accessories, please visit: www.lenovo.com/support/accessories www.lenovo.com/support/notebookaccessories www.lenovo.com/support/security	
		Other accessories at www.lenovo.com/accessories Accessories Guide pdf at www.lenovo.com/accessoriesguide	

ThinkPad®



Lenovo® ThinkPad SL400



Lenovo ThinkPad SL400



Lenovo ThinkPad SL400



ThinkPad Battery 41++ (9-cell)
40Y6797



Lenovo ThinkPad SL400



Lenovo ThinkPad SL400

Type-model	Celeron processor	GHz	Memory	Wide-screen display	CCFL or LED	Screen type	Cam-Integrated era	Graphics	Disk GB ⁸	SATA rpm	Mini SATA	PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB	PCIe Blue-tooth or Turbo	Battery cells	Preload	Avail date
2743-9YU	Cel 585	2.16	1GB	14.1" WXGA	Glossy	None	GMA	80G	5400	DVD±RW	11b/g ³²	WWAN	upg	None	None	6	Home B Aug 08	
2743-9ZU	Cel 585	2.16	1GB	14.1" WXGA	None	GMA	160G	5400	DVD±RW	11b/g	WWAN	upg	None	None	6	XP Pro Aug 08		
2743-B2U	Cel T1600	1.66	1GB	14.1" WXGA	None	GMA	160G	5400	DVD±RW	11b/g	WWAN	upg	None	None	6	XP Pro Sep 08		
2743-LHU	Cel T1600	1.66	1GB	14.1" WXGA	LED	Glossy	None	GMA	160G	5400	DVD±RW	11b/g	None	None	6	XP Pro Mar 09		

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- A comprehensive computing solution for small and medium business
- Balanced between serious business computing and powerful multimedia features

Processor	Intel® Celeron® Processor 585 with single-core, 667MHz system bus, and 1MB L2 cache or Intel Celeron Processor T1600 with dual-core , 667MHz system bus, and 1MB L2 cache													Preloaded operating system²⁰ - Some: Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business - Some: Genuine Windows Vista Home Basic 32 ⇒ Vista models: Vista Basic logo			
Memory	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													Preloaded applications¹⁴ (all OSes; only some listed) <ul style="list-style-type: none">• Lenovo Care™ Tools• Rescue and Recovery™• Access Connections™• Password Manager• ThinkVantage System Update• McAfee VirusScan® Plus with SiteAdvisor™ (30 days of virus definitions)• Lenovo System Toolbox• ThinkPad Utilities (Power Manager and Presentation Director)• Adobe® Reader®• Microsoft® Office 2007 Trial (60-day)• Roxio® Creator® Small Business Edition (DVD±RW)• Roxio MyDVD® (DVD±RW)• Corel® WinDVD® (DVD±RW)			
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in																
SATA disk	80GB⁸ (5400 rpm) or 160GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™																
Widescreen display	<i>Some</i> : 14.1" (358.1mm) WXGA (1280x800) color , anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio <i>Some</i> : 14.1" (358.1mm) WXGA (1280x800) color, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio <i>Some</i> : 14.1" (358.1mm) WXGA (1280x800) color, VibrantView (glossy), LED backlight , high brightness 680 nits, 16:10 aspect ratio, 300:1 contrast ratio																
Camera	None																
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	6-row, Lenovo® Care button, spill-resistant, multimedia Fn keys, Windows and App keys																
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass																
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label																
Lighting FX	Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo																
Dimensions ³	6-cell 14.1W" (WxDxH): 13.2" x 9.7" x 1.34–1.46"; 336mm x 247mm x 34–37mm																
Weight ²	6-cell : starting at 5.5 lb (2.5kg)																
Case	<i>Color</i> : black; <i>Material</i> : scratch-resistant ABS plastic, high-gloss top cover																
Battery - type	Lithium Ion 6-cell																
Battery - life ¹⁰	6-cell : up to 4.1 hr; 9-cell : up to 6 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, ethernet MAC), LPC bus (IT8752 Super I/O)													65-watt (GMA graphics) AC adapter RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378			
ExpressCard	One slot (ExpressCard/34, ExpressCard/54)																
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)																
PC Card	None																
Smart Card Read	None																
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)																
Mini PCI Express	Three Mini PCI Express slots 11b/g³² WWAN upg 2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support Security Security chip Fingerprint reader													ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD 45K5968 ThinkPlus 2-year LOR 9x5 NBD 45K5969 ThinkPlus 3-year LOR 9x5 NBD 45K5970 ThinkPlus 4-year LOR 9x5 NBD 45K5973 ThinkPlus 5-year LOR 9x5 NBD 45K5975 ThinkPlus 2-year P&L P/U Depot 45K5971 ThinkPlus 3-year P&L P/U Depot 45K5972 ThinkPlus 4-year P&L P/U Depot 45K5974 ThinkPlus 5-year P&L P/U Depot 45K5976 Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty			
Limited warranty ¹² 1-year - depot repair service / service upgrades ²² available																	

See footnotes for important warranty information
US models announced August 20 or September 30, 2008, or March 31, 2009
US models withdrawn effective September 2009 or April 2010

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Type-model	Processor	GHz	Memory	Wide-screen display	Screen type	Cam-era	Integrated graphics	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB	Mini PCIe Blue-tooth or Turbo	Battery cells	Batch Preload	Available date
2743-48U T5670	1.80	<i>2GB</i>	14.1" WXGA	GMA	250G 5400	DVD±RW	* Intel 5100 ²⁸	AT&T ²³						6	Bus 32	July 08
2743-49U T5670	1.80	<i>2GB</i>	14.1" WXGA	Glossy Cam	GMA	250G 5400	DVD±RW	* Intel 5100	AT&T				Blue	6	Home P	July 08
2743-4AU T5670	1.80	<i>2GB</i>	14.1" WXGA		GMA	250G 5400	DVD±RW	* Intel 5100	WWAN upg				6	Bus 32	July 08	
2743-4BU T5670	1.80	<i>2GB</i>	14.1" WXGA	Glossy Cam	GMA	250G 5400	DVD±RW	* Intel 5100	WWAN upg				Blue	6	Home P	July 08
2743-42U P8400	2.26	1GB	14.1" WXGA		GMA	160G 5400	Combo	‡ Intel 5100	AT&T				6	Bus 32	July 08	
2743-43U P8400	2.26	<i>2GB</i>	14.1" WXGA		GMA	160G 5400	DVD±RW	‡ Intel 5100	AT&T				6	Bus 32	July 08	
2743-45U P8400	2.26	1GB	14.1" WXGA		GMA	160G 5400	Combo	‡ Intel 5100	WWAN upg				6	Bus 32	July 08	
2743-46U P8400	2.26	<i>2GB</i>	14.1" WXGA		GMA	160G 5400	DVD±RW	‡ Intel 5100	WWAN upg				6	Bus 32	July 08	
2743-23U P8600	2.40	<i>2GB</i>	14.1" WXGA	Cam	GMA	160G 5400	DVD±RW	‡ Intel 5100	AT&T				Blue	6	Home P	July 08
2743-26U P8600	2.40	<i>2GB</i>	14.1" WXGA	Cam	GMA	160G 5400	DVD±RW	‡ Intel 5100	WWAN upg	2G Turbo	Blue	6	Bus 32	July 08		
2743-7ZU P8400	2.26	2GB	14.1" WXGA		GMA	160G 5400	DVD±RW	‡ Intel 5100	AT&T				Blue	6	XP Pro	Aug 08
2743-83U P8400	2.26	2GB	14.1" WXGA		GMA	160G 5400	DVD±RW	‡ Intel 5100	WWAN upg				6	XP Pro	Aug 08	
2743-86U T5670	1.80	2GB	14.1" WXGA		GMA	250G 5400	DVD±RW	* Intel 5100	WWAN upg				6	XP Pro	Aug 08	
2743-88U P8400	2.26	2GB	14.1" WXGA	Cam	GMA	250G 5400	DVD±RW	‡ Intel 5100	WWAN upg				Blue	6	XP Pro	Aug 08
2743-8CUP8600	2.40	2GB	14.1" WXGA	Cam	GMA	160G 5400	DVD±RW	‡ Intel 5100	WWAN upg				Blue	6	XP Pro	Aug 08
2743-6DUP7370	2.00	2GB	14.1" WXGA		GMA	250G 5400	DVD±RW	‡ Intel 5100	WWAN upg				6	XP Pro	Sep 08	
2743-6AU T5870	2.00	2GB	14.1" WXGA	Cam	GMA	250G 5400	DVD±RW	‡ Intel 5100	WWAN upg				Blue	6	XP Pro	Oct 08

• These small and medium business (SMB) models are part of the US TopSeller™ Program

Processor	Intel® Core™ 2 Duo processor T5670 or T5870 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7370, P8400, or P8600 with dual-core, Intel HD boost, 1066MHz system bus, and 3MB L2 cache												Preloaded operating system²⁰		
Memory	1GB or 2GB 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												- Some: Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business) - Some: Genuine Windows Vista Home Premium 32 - Some: Genuine Windows Vista Business 32 ◊ 42U/45U models: Vista Basic logo ◊ 2GB Vista models: Vista Premium logo		
SATA Combo SATA DVD±RW SATA disk	Some: DVD-ROM/CD-RW, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in Some: DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB⁸ (5400 rpm), 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™												Preloaded applications¹⁴ (all OSes)		
Widescreen display	Some: 14.1" (358.1mm) WXGA (1280x800) color , anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio Some: 14.1" (358.1mm) WXGA (1280x800) color, VibrantView (glossy) , CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio												• Lenovo Care™ Tools • Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage System Update • Fingerprint Software • McAfee VirusScan® Plus with SiteAdvisor™ (30 days of virus definitions) • PC-Doctor™ (diagnostics) • ThinkPad Utilities • Adobe® Reader • Windows Live™ Toolbar and Search • Microsoft® Office 2007 Trial (60-day) • Roxio® Creator® Small Business Edition • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (combo, DVD±RW)		
Camera	Some: camera on top of screen, 2.0-megapixel, fixed focus												65-watt (GMA graphics) AC adapter RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378		
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, HDMI port supporting HDCP to output protected content; Max external resolution: 2048x1536@75Hz (VGA); 1920x1080 (HDMI)												ThinkPlus™²² 1-year LOR²⁴ 9x5 NBD 45K5968		
Keyboard TrackPoint® Touch pad Lighting FX	89-key, Lenovo® Care button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo												ThinkPlus 2-year LOR 9x5 NBD 45K5969		
Dimensions ³ Weight ² Case	6-cell 14.1W" (WxDxH): 13.2" x 9.7" x 1.34–1.46"; 336mm x 247mm x 34–37mm 6-cell: starting at 5.5 lb (2.5kg) Color: black; Material: scratch-resistant ABS plastic, high-gloss top cover												ThinkPlus 3-year LOR 9x5 NBD 45K5970		
Battery - type Battery - life ¹⁰	Lithium Ion 6-cell 6-cell: up to 4.1 hr; 9-cell: up to 6 hr												ThinkPlus 4-year LOR 9x5 NBD 45K5973		
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, security chip, ethernet MAC), LPC bus (IT8752 Super I/O)												ThinkPlus 5-year LOR 9x5 NBD 45K5975		
ExpressCard Multicard Reader	One slot (ExpressCard/34, ExpressCard/54)												ThinkPlus 2-year P&L P/U Depot 45K5971		
PC Card Std Smart Card Read	None												ThinkPlus 3-year P&L P/U Depot 45K5972		
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)												ThinkPlus 4-year P&L P/U Depot 45K5974		
Mini PCI Express	Three Mini PCI Express slots 11a/b/g/n wireless*, Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)												ThinkPlus 5-year P&L P/U Depot 45K5976		
Modem	56K V.92⁶ modem												Fingerprints reader on palm rest, swipe sensor, supports the security chip		
Bluetooth™ Ethernet Intel AMT	Some: Bluetooth 2.0 wireless, LED indicator Realtek RTL8111C Gigabit Network Connection, PHY, PCIe x1 None												Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty		
Limited warranty¹² 1-year - EasyServ™¹⁹ depot repair service / service upgrades²² available															

See footnotes for important warranty information
US models announced July 15, July 29, September 30 or October 7, 2008

US models withdrawn effective September 2008, January or September 2009

* Intel Centrino® processor technology

† Intel Centrino 2 processor technology

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(CAY1-1) September 2009

Type-model	Processor	GHz	Memory	Wide-screen display	Screen type	Cam-era	Integrated graphics	Disk SATA GB ⁸	SATA rpm	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB	Blue-tooth	Finger print reader	Battery cells	Print Pre-Load	Available date
2743-6GU	T5870	2.00	2GB	14.1" WXGA			GMA	250G	5400	DVD±RW *	Intel 5100 ²⁸	WWAN upg	None	Fing	6 XP Pro	Dec 08	
2743-6HU	T5870	2.00	2GB	14.1" WXGA			GMA	250G	5400	DVD±RW *	Intel 5100	WWAN upg	None	Fing	6 Bus 32	Dec 08	
2743-6JU	T5870	2.00	3GB	14.1" WXGA	Glossy	Cam	GMA	250G	5400	DVD±RW *	Intel 5100	WWAN upg	None	Blue	6 Home P	Dec 08	
2743-3WUP8600	P8600	2.40	2GB	14.1" WXGA		Cam	GMA	160G	5400	DVD±RW *	Intel 5100	WWAN upg	None	Fing	6 Home P	Dec 08	
2743-H2U	P8600	2.40	2GB	14.1" WXGA			GMA	160G	5400	DVD±RW *	WiMAX	WWAN upg	None	Fing	6 Bus 32	Jan 09	
2743-H3U	P8600	2.40	3GB	14.1" WXGA			GMA	160G	5400	DVD±RW *	Intel 5100	WWAN upg	None	Blue	Fing	6 XP Pro	Jan 09

• These small and medium business (SMB) models are part of the US TopSeller™ Program

Processor	Intel® Core™ 2 Duo processor T5870 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P8600 with dual-core, Intel HD boost, 1066MHz system bus, and 3MB L2 cache													Preloaded operating system ²⁰
Memory	2GB or 3GB 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													- Some: Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in													- Some: Genuine Windows Vista Home Premium 32
SATA disk	160GB⁸ (5400 rpm), 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™													♦ 3WU model: Vista Premium logo ♦ Other Vista models: Vista Basic logo
Widescreen display	<i>Some:</i> 14.1" (358.1mm) WXGA (1280x800) color , anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.1" (358.1mm) WXGA (1280x800) color, VibrantView (glossy) , CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio													Preloaded applications ¹⁴ (all OSes; only some listed)
Camera	<i>Some:</i> camera on top of screen, 2.0-megapixel, fixed focus													• Lenovo Care™ Tools
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, HDMI port supporting HDCP to output protected content; <i>Max external resolution:</i> 2048x1536@75Hz (VGA); 1920x1080 (HDMI)													• Rescue and Recovery™
Keyboard	6-row, Lenovo® Care button, spill-resistant, multimedia Fn keys													• Access Connections™
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass													• Password Manager
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label													• ThinkVantage System Update
Lighting FX	Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo													• Fingerprint Software (fingerprint models)
Dimensions ³	6-cell 14.1W" (WxDxH): 13.2" x 9.7" x 1.34–1.46"; 336mm x 247mm x 34–37mm													• Lenovo System Toolbox
Weight ²	6-cell: starting at 5.5 lb (2.5kg)													• ThinkPad Utilities (Power Manager and Presentation Director)
Case	Color: black; Material: scratch-resistant ABS plastic, high-gloss top cover													• Adobe® Reader®
Battery - type	Lithium Ion 6-cell													• Roxio® Creator® Small Business Edition (DVD±RW)
Battery - life ¹⁰	6-cell: up to 4.1 hr; 9-cell: up to 6 hr													• Roxio MyDVD® (DVD±RW)
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC), LPC bus (IT8752 Super I/O)													• Corel® WinDVD® (DVD±RW)
ExpressCard	One slot (ExpressCard/34, ExpressCard/54)													65-watt (GMA graphics) AC adapter
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)													RoHS-compliant
PC Card	None													International Warranty Service ¹⁷
Smart Card Read	None													24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)													ThinkPlus™, ²² 1-year LOR ²⁴ 9x5 NBD
Mini PCI Express	Three Mini PCI Express slots													45K5968
Intel 5100 ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)													45K5969
WiMAX	<i>Some:</i> 11a/b/g/n and WiMAX wireless ⁴ , Mini PCIe adap, Intel WiMAX/WiFi Link 5150, 1x2 (300Mbps) WiFi + 1x2 WiMAX (Echo Peak)													45K5970
WWAN upg	<i>Some:</i> Wireless WAN upgradable, optional AT&T® (43R9152)													45K5973
AT&T ²³	<i>Some:</i> Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T													45K5975
2G Turbo	<i>Some:</i> Intel Turbo Memory, Half-Mini PCIe adapter, 2GB flash, disk-cache accelerator													45K5976
UWB	None													45K5977
Modem	56K V.92 ⁶ modem													45K5978
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless, LED indicator													45K5979
Ethernet	Realtek RTL8111C Gigabit Network Connection, PHY, PCIe x1													45K5980
Intel AMT	None													45K5981
Audio support	High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 1.5 watt / volume up, down, mute buttons / dual array microphone, mic input jack, headphone jack													45K5982
Security	Power-on password, hard disk password, supervisor password, security keyhole													45K5983
Security chip	None													45K5984
Fingerprint reader	<i>Some:</i> Fingerprint reader on palm rest, swipe sensor													Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available													© Lenovo (CAY11-1) April 2010

See footnotes for important warranty information

US models announced Dec 16, 2008 or Jan 6, 2009

US models withdrawn effective September 2009 or April 2010

* Intel Centrino® processor technology

† Intel Centrino 2 processor technology

Type-model	Processor	GHz	Memory	Wide-screen display	CCFL or LED	Screen type	Cam-era	Integrated graphics	Disk GB ⁸	SATA rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe	Mini PCIe UWB	Finger print	Battery	Whorse (W)	Pre-Gbl (G)	Avail date
2743-LJU	T5870	2.00	2GB	14.1"	WXGA	LED Glossy	GMA	160G 5400	DVD±RW	* Intel 5100 ²⁸	None	None	6	XP Pro	Mar 09				
2743-LKU	T5870	2.00	3GB	14.1"	WXGA	LED Glossy	GMA	250G 5400	DVD±RW	* Intel 5100	None	None	Fing	6	XP Pro	Mar 09			
2743-LLU	T5870	2.00	3GB	14.1"	WXGA	LED Glossy	GMA	250G 5400	DVD±RW	* Intel 5100	None	None	Fing	6	Bus 32	Mar 09			
2743-LMU	T6570	2.10	3GB	14.1"	WXGA	LED Glossy	Cam	GMA 320G 5400	DVD±RW	* Intel 5100	None	None	Blue	Fing	6	XP Pro	Mar 09		
2743-LNU	P8600	2.40	2GB	14.1"	WXGA	LED Glossy	Cam	GMA 250G 5400	DVD±RW	♦ Intel 5100	None	None	Blue	Fing	6	XP Pro	Mar 09		
2743-Q3U	T6570	2.10	2GB	14.1"	WXGA	LED Glossy	Cam	GMA 250G 5400	DVD±RW	* Intel 5100	None	None	Blue	Fing	6	Ult 32	Edu Apr 09		
2743-DGUT	5870	2.00	3GB	14.1"	WXGA	LED Glossy	Cam	GMA 250G 5400	DVD±RW	* Intel 5100	None	None	Fing	6	XP Pro	Jul 09			
2743-DHU	P7570	2.26	3GB	14.1"	WXGA	LED Glossy	Cam	GMA 320G 5400	DVD±RW	♦ Intel 5100	None	None	Blue	Fing	6	XP Pro	Jul 09		
2743-EGUT	5870	2.00	2GB	14.1"	WXGA	Glossy	GMA	160G 5400	DVD±RW	* Intel 5100	None	None		6	XP Pro	Jul 09			

- These small and medium business (SMB) models are part of the US TopSeller™ Program

Processor	Intel® Core™ 2 Duo processor T5870 or T6570 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7570 or P8600 with dual-core, Intel HD boost, 1066MHz system bus, and 3MB L2 cache														Preloaded operating system²⁰ - Some: Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business - Some: Genuine Windows Vista Business 32 - Some: Genuine Windows Vista Ultimate 32 ♦ Vista models: Vista Basic logo			
Memory	2GB or 3GB 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																	
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB⁸ (5400 rpm), 250GB (5400 rpm), or 320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™																	
Widescreen display	<i>Some:</i> 14.1" (358.1mm) WXGA (1280x800) color, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio Some: 14.1" (358.1mm) WXGA (1280x800) color, VibrantView (glossy), LED backlight, high brightness 680 nits, 16:10 aspect ratio, 300:1 contrast ratio																	
Camera	<i>Some:</i> camera on top of screen, 2.0-megapixel, fixed focus																	
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, HDMI port supporting HDCP to output protected content; <i>Max external resolution:</i> 2048x1536@75Hz (VGA); 1920x1080 (HDMI)															Preloaded applications¹⁴ (all OSes; only some listed) <ul style="list-style-type: none">Lenovo Care™ ToolsRescue and Recovery™Access Connections™Password ManagerThinkVantage System UpdateFingerprint Software (fingerprint models)Lenovo System ToolboxThinkPad Utilities (Power Manager and Presentation Director)Adobe® Reader®Roxio® Creator® Small Business Edition (DVD±RW)Roxio MyDVD® (DVD±RW)Corel® WinDVD® (DVD±RW)		
Keyboard TrackPoint® Touch pad Lighting FX	6-row, Lenovo® Care button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo																	
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	6-cell 14.1W" (WxDxH): 13.2" x 9.7" x 1.34–1.46"; 336mm x 247mm x 34–37mm 6-cell: starting at 5.5 lb (2.5kg)															65-watt (GMA graphics) AC adapter RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378		
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC), LPC bus (IT8752 Super I/O)															ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD 45K5968 ThinkPlus 2-year LOR 9x5 NBD 45K5969 ThinkPlus 3-year LOR 9x5 NBD 45K5970 ThinkPlus 4-year LOR 9x5 NBD 45K5973 ThinkPlus 5-year LOR 9x5 NBD 45K5975 ThinkPlus 2-year P&L P/U Depot 45K5971 ThinkPlus 3-year P&L P/U Depot 45K5972 ThinkPlus 4-year P&L P/U Depot 45K5974 ThinkPlus 5-year P&L P/U Depot 45K5976 Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty		
ExpressCard Multicard Reader PC Card Smart Card Read Ports	One slot (ExpressCard/34, ExpressCard/54) 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) None None Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)																	
Mini PCI Express Intel 5100 ²⁸ WWAN upg 2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support Security Security chip Fingerprint reader	Three Mini PCI Express slots 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) None None None 56K V.92 ⁶ modem Some: Bluetooth 2.1 wireless, LED indicator Realtek RTL8111C Gigabit Network Connection, PHY, PCIe x1 None High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 1.5 watt / volume up, down, mute buttons / dual array microphone, mic input jack, headphone jack Power-on password, hard disk password, supervisor password, security keyhole None Some: Fingerprint reader on palm rest, swipe sensor															© Lenovo (CAY11-2) April 2010		
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available																	

See footnotes for important warranty information
US models announced Mar 31 or April 7, 2009,
or July 7, 2009

US models withdrawn effective April 2010

* Intel Centrino® processor technology

† Intel Centrino 2 processor technology

Type-model	Processor	Wide-screen display	Screen type	Cam-era	Discrete graphics	Disk SATA	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB or Turbo	Battery cells	Available date								
2743-44U P8400	2.26 2GB 14.1" WXGA+	Cam 9300M 160G 5400 DVD±RW	AT&T ²³	6	Business 32	July 08													
2743-47U P8400	2.26 2GB 14.1" WXGA+	Cam 9300M 160G 5400 DVD±RW	WWAN upg	6	Business 32	July 08													
2743-22U P8400	2.26 2GB 14.1" WXGA	Glossy Cam 9300M 250G 5400 DVD±RW	AT&T	6	Business 32	July 08													
2743-24U P8600	2.40 2GB 14.1" WXGA	Glossy Cam 9300M 250G 5400 DVD±RW	AT&T	2G Turbo	6	Business 32	July 08												
2743-25U T9400	2.53 4GB 14.1" WXGA+	Cam 9300M 320G 5400 BD burner	AT&T	2G Turbo	9	Ultimate 32	July 08												
2743-82U P8400	2.26 2GB 14.1" WXGA+	Cam 9300M 160G 5400 DVD±RW	AT&T ²³	6	XP Pro	Aug 08													
2743-84U P8400	2.26 2GB 14.1" WXGA+	Cam 9300M 160G 5400 DVD±RW	WWAN upg	6	XP Pro	Aug 08													
<ul style="list-style-type: none"> • These small and medium business (SMB) models are part of the US TopSeller™ Program • A comprehensive computing solution for small and medium business • Balanced between serious business computing and powerful multimedia features 																			
Processor	Intel® Core™ 2 Duo processor P8400, P8600, or T9400 with dual-core, Intel HD boost, 1066MHz system bus; P8400/P8600: 3MB L2 cache; T9400: 6MB L2 cache																		
Memory	1GB, 2GB, or 4GB 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																		
SATA DVD±RW	<i>Some:</i> DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in																		
SATA BD burner	<i>Some:</i> Blu-ray™ burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in																		
SATA disk	160GB⁸ (5400 rpm), 250GB (5400 rpm), or 320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™																		
Widescreen display	<i>Some:</i> 14.1" (358.1mm) WXGA (1280x800) color, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio Some: 14.1" (358.1mm) WXGA+ (1440x900) color, anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio																		
Camera	Camera on top of screen, 2.0-megapixel, fixed focus																		
Discrete graphics	NVIDIA® GeForce 9300M, PCI Express® x16, 256MB memory, HDMI port supporting HDCP to output protected content; Max external resolution: 2048x1536@85Hz (DB-15 port); 1920x1080 (HDMI port)																		
Keyboard	89-key, Lenovo® Care button, spill-resistant, multimedia Fn keys																		
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass																		
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label																		
Lighting FX	Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo																		
Dimensions ³	6-cell 14.1W" (WxDxH): 13.2" x 9.7" x 1.34–1.46"; 336mm x 247mm x 34–37mm																		
Weight ²	6-cell: starting at 5.5 lb (2.5kg); 9-cell: starting at 5.9 lb (2.7kg)																		
Case	Color: black; Material: scratch-resistant ABS plastic, high-gloss top cover																		
Battery - type	Lithium Ion 6-cell or 9-cell																		
Battery - life ¹⁰	6-cell: up to 3.6 hr; 9-cell: up to 5.5 hr																		
Chipset	Mobile Intel PM45 Express Chipset (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), LPC bus (IT8752 Super I/O)																		
ExpressCard slot	One ExpressCard/34 or ExpressCard/54																		
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)																		
PC Card Std slot	None																		
Smart Card Read	None																		
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)																		
Mini PCI Express	Three Mini PCI Express slots																		
Intel 5100 ²⁸	11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)																		
WWAN upg	<i>Some:</i> Wireless WAN upgradable, optional AT&T® (43R9152)																		
AT&T ²³	<i>Some:</i> Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T®																		
2G Turbo	<i>Some:</i> Intel Turbo Memory, Half-Mini PCIe adapter, 2GB flash, disk-cache accelerator																		
UWB	None																		
Modem	56K V.92 ⁶ modem																		
Bluetooth™	Bluetooth 2.0 wireless, LED indicator																		
Ethernet	Realtek RTL8111C Gigabit Network Connection, PHY, PCIe x1																		
Intel AMT	None																		
Audio support	High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 2 watt / volume up, down, mute buttons / dual array microphone, mic input jack, headphone jack																		
Security	Power-on password, hard disk password, supervisor password, security keyhole																		
Security chip	None																		
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor, supports the security chip																		
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ depot repair service / service upgrades ²² available																		
1GB PC2-5300 DDR2 SODIMM	40Y7734	T/R/W/SL Series Li-Ion Battery 6-cell	40Y6799	Preloaded operating system²⁰ - Some: Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business) - Some: Genuine Windows Vista Business 32 - Some: Genuine Windows Vista Ultimate 32 ⇒ Vista models: Vista Premium logo															
2GB PC2-5300 DDR2 SODIMM	40Y7735	T/R/W/SL Series Li-Ion Battery 9-cell	40Y6797																
SL 320GB Disk SATA 1.5Gb/s (5400 rpm)	43N3405	ThinkPad 90W AC Adapter	40Y7659																
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	90W Slim AC/DC Combo Adapter	41N8460																
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	ThinkPad Business Topload Case	43R2476																
USB Port Replicator with Digital Video	45K1610	ThinkPad Business Backpack	43R2482																
ThinkPad Convertible Monitor Stand	40Y7620	ThinkVision® L2240p Wide 22" Monitor	4422HB6																
Laser Tilt Wheel Travel Mouse (Bluetooth)	41U5008	ThinkVision L2440x Wide 24" Monitor	4421HB2																
Other accessories on O-SL400 sheet		Other accessories at lenovo.com/accessories																	
See footnotes for important warranty information	⇒ Intel Centrino® 2 processor technology																		
US models announced July 15 or July 29, 2008	© Lenovo (CAY1-2) September 2009																		
US models withdrawn effective September 2008 or September 2009	Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty																		

Type-model	Proc-essor	GHz	Wide-screen Memory	CCFL or LED	Screen type	Cam-era	Integrated graphics	Disk GB ⁸	SATA rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB or Turbo	Finger print	Bat-tery reader	Pre-cell	WWAN or Turbo tooth reader	Avail-date
4413-23U	T5870	2.00	2GB	14.1"	WXGA	LED	Glossy	None	GMA 160G	5400	DVD±RW	* Intel 5100 ²⁸	None	None	None	Fing 6	Bus 32	Aug 09
4413-27U	P8700	2.53	2GB	14.1"	WXGA	LED	Glossy	None	GMA 250G	5400	DVD±RW	‡ Intel 5100	None	None	None	Fing 6	Bus 32	Aug 09

- Entry price point ThinkPad notebooks available for bid to relationship accounts
- These models have an depot repair service 3-year limited warranty

Processor	Intel® Core™ 2 Duo processor T5870 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P8700 with dual-core, Intel HD boost, 1066MHz system bus, and 3MB L2 cache												Preloaded operating system²⁰ - Genuine Windows® Vista® Business 32 ◊ Vista Basic logo				
Memory	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												Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none">• Lenovo Care™ Tools• Rescue and Recovery™• Access Connections™• Password Manager• ThinkVantage System Update• Fingerprint Software (fingerprint models)• McAfee VirusScan® Plus with SiteAdvisor™ (30 days of virus definitions)• Lenovo System Toolbox• ThinkPad Utilities (Power Manager and Presentation Director)• Adobe® Reader®• Microsoft® Office 2007 Trial (60-day)• Roxio® Creator® Small Business Edition (DVD±RW)• Roxio MyDVD® (DVD±RW)• Corel® WinDVD® (DVD±RW)				
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in																
SATA disk	160GB⁸ (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™																
Widescreen display	14.1" (358.1mm) WXGA (1280x800) color, VibrantView (glossy), LED backlight , high brightness 680 nits, 16:10 aspect ratio, 300:1 contrast ratio																
Camera	None																
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, HDMI port supporting HDCP to output protected content; <i>Max external resolution:</i> 2048x1536@75Hz (VGA); 1920x1080 (HDMI)																
Keyboard	6-row, Lenovo® Care button, spill-resistant, multimedia Fn keys																
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass																
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label																
Lighting FX	Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo																
Dimensions ³	6-cell 14.1W" (WxDxH): 13.2" x 9.7" x 1.34–1.46"; 336mm x 247mm x 34–37mm																
Weight ²	6-cell: starting at 5.5 lb (2.5kg)																
Case color	black																
Case material	scratch-resistant ABS plastic, high-gloss top cover																
Battery - type	Lithium Ion 6-cell																
Battery - life ¹⁰	6-cell: up to 4.1 hr; 9-cell: up to 6 hr																
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC), LPC bus (IT8752 Super I/O)																
ExpressCard	One slot (ExpressCard/34, ExpressCard/54)																
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)																
PC Card	None																
Smart Card Read	None																
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)																
Mini PCI Express	Three Mini PCI Express slots 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)																
Intel 5100 ²⁸	None																
WWAN upg	None																
2G Turbo	None																
UWB	None																
Modem	56K V.92 ⁶ modem																
Bluetooth™	None																
Ethernet	Realtek RTL8111C Gigabit Network Connection, PHY, PCIe x1																
Intel AMT	None																
Audio support	High Definition (HD) Audio, CX20561-1Z codec / stereo speakers, 1.5 watt / volume up, down, mute buttons / dual array microphone, mic input jack, headphone jack																
Security	Power-on password, hard disk password, supervisor password, security keyhole																
Security chip	None																
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor																
Limited warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades ²² available																

See footnotes for important warranty information
US models announced August 4, 2009
US models withdrawn effective April 2010

* Intel Centrino® processor technology
‡ Intel Centrino 2 processor technology

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Memory		Batteries	
1GB PC2-5300 DDR2 SODIMM	40Y7734 ann 01/05/06	ThinkPad Battery 41+ (6-cell)	40Y6799 ann 01/05/06
1GB PC2-5300 DDR2 SODIMM (25-Pack)	51J0502 ann 03/17/09	ThinkPad Battery 41++ (9-cell)	40Y6797 ann 09/20/05
2GB PC2-5300 DDR2 SODIMM	40Y7735 ann 11/28/06	ThinkPad External Battery Charger ⁴⁴	40Y7625 ann 09/20/05
2GB PC2-5300 DDR2 SODIMM (25-Pack)	51J0548 ann 03/17/09	⁴⁴ Requires the ThinkPad 90W AC Adapter 40Y7659 or the adapter provided with the system.	
Storage and removable storage		More information at www.lenovo.com/alldaycomputing	
SL 320GB Disk SATA 1.5Gb/s (5400 rpm)	43N3405 ann 07/15/08	ThinkPad 65W AC Adapter ⁴⁵	40Y7696
USB 2.0 Essential Memory Key 4GB	45J7904 ann 06/24/08	⁴⁵ Only compatible with the integrated graphics models.	
USB 2.0 Essential Memory Key 8GB	45J7905 ann 07/15/08	ThinkPad 90W AC Adapter	40Y7659 ann 09/20/05
USB 2.0 Essential Memory Key 32GB	45K1258 ann 10/28/08	90W Ultralight AC/DC Combo Adapter	41R4493 ann 09/22/09
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 320GB Hard Disk	45K1689 ann 03/17/09	More info at www.lenovo.com/support/poweradapters	
USB 2.0 Portable 500GB Hard Disk	45K1690 ann 05/26/09	Charging tips for 90W Ultralight AC/DC Combo Adapter 41R4493	
USB 2.0 Portable Secure 160GB Hard Disk	43R2018 ann 11/18/08	• Palm device charge tip (L7)	41R4315 ann 12/18/07
USB 2.0 Portable Secure 320GB Hard Disk	43R2019 ann 11/18/08	• Blackberry charge tip (L8a)	41R4478 ann 12/18/07
eSATA/USB 2.0 Secure 500GB Hard Drive	57Y4400 ann 01/07/10	• iPod and iPhone Charge Tip (L10a)	41R4481 ann 12/18/07
USB 2.0 Super Multi-Burner Drive	41N5565 ann 01/23/07	• Generic Micro USB charge tip (L18)	41R4490 ann 01/06/09
USB 2.0 Portable DVD Burner	43N3264 ann 01/05/10		
Wireless WAN (Mini PCI Express)		More information at www.lenovopowertips.com	
<i>Only WWAN upgradable models:</i>			
Verizon® WWAN UNDP Broadband Mini PCIe	43R9151 ann 08/05/08		
AT&T® WWAN HSPA Broadband Mini PCIe	43R9152 ann 08/26/08		
ThinkPad Expansion		Carrying Cases	
Lenovo® Essential Notebook Stand	45J9292 ann 05/12/09	<i>Up to 14" widescreen models:</i>	
USB Port Replicator with Digital Video	45K1610 ann 07/28/09	ThinkPad 14W Case Sleeve	57Y4294 ann 03/16/10
Keyboard		<i>Up to 15.4" widescreen models:</i>	
TrackPoint Cap Collection	73P2698 ann 12/16/03	ThinkPad 15W Case Sleeve	51J0477 ann 08/18/09
USB Numeric Keypad	33L3225 ann 05/01/00	Lenovo Business Messenger Case	51J0475 ann 08/18/09
Preferred Pro USB Keyboard	73P5220 ann 06/21/05	Lenovo Messenger Max	41U5253 ann 05/01/07
Enhanced Performance USB Keyboard	73P2620 ann 03/23/04	Lenovo Performance BackPack	41U5254 ann 05/01/07
Ultraslim Wireless Keyboard and Mouse ⁵²	57Y4700 ann 09/15/09	Checkpoint Friendly Business Topload Case	51J0418 ann 05/05/09
⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.		ThinkPad Business Topload Case	43R2476 ann 05/13/08
ThinkPad USB Keyboard with TrackPoint	55Y9003 ann 08/18/09	ThinkPad Business Backpack	43R2482 ann 05/13/08
Preferred Pro USB Fingerprint Keyboard	73P4730 ann 02/22/05	ThinkPad Deluxe Expander Case	43R2478 ann 05/13/08
Lenovo USB Smartcard Keyboard	51J0155 ann 03/24/09	ThinkPad Executive Leather Case	43R2480 ann 05/13/08
Mouse		<i>Up to 15.6" widescreen models:</i>	
Lenovo Mini Optical Mouse - Black (USB)	55Y9308 ann 05/19/09	Wenger Backpack for Lenovo	57Y4271 ann 01/07/10
Lenovo Mini Optical Mouse - White (USB)	55Y9309 ann 05/19/09	Wenger Slim Case for Lenovo	57Y4272 ann 01/07/10
Lenovo Optical Mouse (USB)	06P4069 ann 05/21/03	Wenger Deluxe Slim Case for Lenovo	57Y4273 ann 01/07/10
Lenovo Laser Mouse (USB)	41U3074 ann 01/23/07		
ThinkPad USB Laser Mouse	57Y4635 ann 12/15/09	Lenovo luxury cases at www.lenovoluxurycases.com	
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405 ann 08/27/02		
ThinkPad Travel Mouse (USB, Optical)	31P7410 ann 06/04/02		
ThinkPad Bluetooth Laser Mouse	41U5008 ann 01/22/08		
Security		Monitors	
Kensington® MicroSaver® Cable Lock	73P2582 ann 12/29/03	ThinkVision® L1711p 17" Monitor	5047HB2 ann 10/20/09
Kensington Twin Head Cable Lock	45K1620 ann 09/30/08	ThinkVision L1900p 19" Monitor	4431HE1 ann 11/11/08
USB Gemplus GemPC Smart Card Reader	41N3040 ann 02/21/06	ThinkVision L1951p Wide 19" Monitor	2448HB6 ann 10/20/09
ExpressCard Gemplus Smart Card Reader ⁴⁷	41N3043 ann 06/27/06	ThinkVision L2250p Wide 22" Monitor	2572HB6 ann 10/20/09
⁴⁷ Requires ExpressCard slot		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
Multimedia		Monitor Accessories ⁴⁶	
ThinkPad In-Ear Headphones	57Y4488 ann 01/07/10	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	
		For more information on ThinkPad SL accessories, please visit: www.lenovo.com/support/accessories www.lenovo.com/support/notebookaccessories www.lenovo.com/support/security	
		Other accessories at www.lenovo.com/accessories Accessories Guide pdf at www.lenovo.com/accessoriesguide	

ThinkPad®



Lenovo® ThinkPad SL410



Lenovo ThinkPad SL410



Lenovo ThinkPad SL410



Lenovo ThinkPad SL410



Lenovo ThinkPad SL410 buttons



Lenovo ThinkPad SL410 lights

Type-model	Processor	Proc- essor GHz	Memory	Wide- screen display	CCFL or LED	Screen type	Cam- era	Integrated graphics	Disk SATA GB ⁸	SATA rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Finger print toothreader	Bat- tery cells	Pre- load	Avail- date
2842-5GU	T5870	2.00	2GB	14.0" HD	LED	Glossy		GMA	160G	5400	DVD±RW	* Intel 5100 ²⁸	None		6	XP Pro	Oct 09
2842-5HU	T5870	2.00	3GB	14.0" HD	LED	Glossy	2.0M	GMA	250G	5400	DVD±RW	* Intel 5100	None		6	XP Pro	Oct 09
2842-5JU	T6670	2.20	4GB	14.0" HD	LED	Glossy	2.0M	GMA	320G	5400	DVD±RW	* Intel 5100	None	Blue Fing	6	XP Pro	Oct 09

- These small and medium business (SMB) models are part of the US TopSeller™ Program

Processor	Intel® Core™ 2 Duo processor T5870 or T6670 with dual-core, 800MHz system bus, and 2MB L2 cache													Preloaded operating system²⁰		
Memory	2GB, 3GB or 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; <i>Non-italics:</i> standard memory in one socket; one socket available													- Windows® XP Professional preinstalled through downgrade rights in Genuine Windows 7 Professional 32		
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB⁸ (5400 rpm), 250GB (5400 rpm), or 320GB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™													Preloaded applications¹⁴ (only some listed)		
Widescreen display Camera	14.0" (355mm) HD (1366x768) color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: camera on top of screen, 2.0-megapixel, fixed focus													<ul style="list-style-type: none"> • Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage Power Manager • ThinkVantage System Update • Fingerprint Software (fingerprint models) • ThinkVantage Toolbox • Roxio® Creator® Business Edition (DVD±RW) • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW) 		
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, HDMI port supporting HDCP to output protected content; <i>Max external resolution: 2048x1536@75Hz (VGA DB-15 port); 1920x1080 (HDMI port)</i>													Supports ThinkVantage® technologies		
Keyboard TrackPoint® Touch pad	6-row, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label, multi-touch Illuminated power button													65-watt (GMA graphics) AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378		
Lighting FX														ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD 45K5968		
Dimensions ³ Weight ²	4/6-cell 14.0W" (WxDxH): 13.54" x 9.17" x 1.26–1.42"; 344mm x 233mm x 32–36mm 4-cell: starting at 4.59 lb (2.08kg); 6-cell: starting at 5.1 lb (2.3kg)													ThinkPlus 2-year LOR 9x5 NBD 45K5969		
Case color Case material	ThinkPad Matte Black Scratch-resistant ABS plastic													ThinkPlus 3-year LOR 9x5 NBD 45K5970		
Battery - type ³⁷ Battery - life ¹⁰	Lithium Ion 6-cell 6-cell: up to 4.0 hr; 9-cell: up to 6 hr													ThinkPlus 4-year LOR 9x5 NBD 45K5973		
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC), LPC bus (IT8752)													ThinkPlus 5-year LOR 9x5 NBD 45K5975		
ExpressCard Multicard Reader	One slot (ExpressCard/34) 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)													ThinkPlus 2-year P&L P/U Depot 45K5971		
PC Card Smart Card Read	None None													ThinkPlus 3-year P&L P/U Depot 45K5972		
Ports	Three USB 2.0, one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)													ThinkPlus 4-year P&L P/U Depot 45K5974		
Mini PCI Express Intel 5100 ²⁸ WWAN upg	One Mini PCI Express slot 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) None													ThinkPlus 5-year P&L P/U Depot 45K5976		
Modem Bluetooth™ Ethernet	None Some: Bluetooth 2.1 wireless, LED indicator Realtek RTL8111DL Gigabit Network Connection, PHY, PCIe x1													Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty		
Intel AMT Audio support	None High Definition (HD) Audio, ALC269Q codec / stereo speakers, 1.5 watt / speaker volume up, down and mute buttons / mono microphone, mic mute button, mic input jack, headphone jack															
Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole None															
Fingerprint reader	Some: Fingerprint reader on palm rest, swipe sensor															
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available															

See footnotes for important warranty information

US models announced October 22, 2009

US models withdrawn effective February or October 2010

* Intel Centrino® processor technology

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(JAD1-2) October 2010

Type-model	Processor	GHz	Memory	Wide-screen display	CCFL or LED	Screen type	Cam-era	Integrated graphics	Disk GB ⁸	SATA rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Blue-tooth	Finger print reader	Battery cells	Battery Preload	Available date
2842-F7U	T6570	2.10	2GB	14.0" HD	LED	Glossy	2.0M	GMA	250G	5400	DVD±RW	* Intel 1000	None			6	Pro 32	Jan 10
2842-F8U	T6570	2.10	3GB	14.0" HD	LED	Glossy	2.0M	GMA	320G	7200	DVD±RW	* Intel 1000	None			6	Pro 32	Jan 10
2842-F9U	T6670	2.20	4GB	14.0" HD	LED	Glossy	2.0M	GMA	320G	7200	DVD±RW	* Intel 1000	None	Blue	Fing	6	Pro 64	Jan 10
2842-K3U	T6670	2.20	2GB	14.0" HD	LED	Glossy	0.3M	GMA	250G	5400	DVD±RW	* Intel 1000	None			6	Pro 64	Sep 10
2842-K4U	T6670	2.20	3GB	14.0" HD	LED	Glossy	0.3M	GMA	500G	7200	DVD±RW	* Intel 1000	None			6	Pro 64	Sep 10

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Processor	Intel® Core™ 2 Duo processor T6570 or T6670 with dual-core, 800MHz system bus, and 2MB L2 cache														Preloaded operating system²⁰			
Memory	2GB, 3GB, or 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; <i>Non-italics:</i> standard memory in one socket; one socket available														- Some: Genuine Windows® 7 Professional 32			
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in														- Some: Genuine Windows 7 Professional 64			
SATA disk	250GB⁸ (5400 rpm), 320GB (7200 rpm), or 500GB (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™																	
Widescreen display	14.0" (355mm) HD (1366x768) 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	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, HDMI port supporting HDCP to output protected content; <i>Max external resolution: 2048x1536@75Hz (VGA DB-15 port); 1920x1080 (HDMI port)</i>																	
Keyboard	6-row, ThinkVantage button, spill-resistant, multimedia Fn keys																	
TrackPoint® Touch pad	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label, multi-touch																	
Lighting FX	Illuminated power button																	
Dimensions ³	4/6-cell 14.0W" (WxDxH): 13.54" x 9.17" x 1.26–1.42"; 344mm x 233mm x 32–36mm																	
Weight ²	4-cell: starting at 4.59 lb (2.08kg); 6-cell: starting at 5.1 lb (2.3kg)																	
Case color	ThinkPad Matte Black																	
Case material	Scratch-resistant ABS plastic																	
Battery - type ³⁷	Lithium Ion 6-cell																	
Battery - life ¹⁰	6-cell: up to 4.0 hr; 9-cell: up to 6 hr																	
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC), LPC bus (IT8752)																	
ExpressCard	One slot (ExpressCard/34)																	
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)																	
PC Card	None																	
Smart Card Read	None																	
Ports	Three USB 2.0, one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)																	
Mini PCI Express	One Mini PCI Express slot Intel 1000 WWAN upg																	
Modem	None																	
Bluetooth™	None																	
Ethernet	<i>Some:</i> Bluetooth 2.1 wireless, LED indicator																	
Intel AMT	Realtek RTL8111DL Gigabit Network Connection, PHY, PCIe x1																	
Audio support	None																	
Security	High Definition (HD) Audio, ALC269Q codec / stereo speakers, 1.5 watt / speaker volume up, down and mute buttons / mono microphone, mic mute button, mic input jack, headphone jack																	
Security chip	Power-on password, hard disk password, supervisor password, security keyhole																	
Fingerprint reader	<i>Some:</i> Fingerprint reader on palm rest, swipe sensor																	
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available																	
See footnotes for important warranty information														* Intel Centrino® processor technology				
US models announced December 15, 2009 or September 28, 2010														© Lenovo (JAD1-3) October 2010				
US models withdrawn effective December 2010, or January or October, 2011														Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty				

Type-model	Celeron processor	GHz	Memory	Wide-screen display	CCFL or LED	Screen type	Cam-era	Integrated graphics	Disk SATA GB ³ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Bat- terry	Blue- tooth cells	Bat- terry cells	Preload	Avail date
2874-32U	Cel T3000	1.80	2GB	14.0" HD	LED	Glossy	GMA	160G 5400	DVD±RW	11n ²⁸	None	None	6	Home P	Oct 09		
2874-7RU	Cel T3100	1.90	2GB	14.0" HD	LED	Glossy	2.0M	GMA	250G 5400	DVD±RW	Intel 1000 ²⁸	None	None	6	Home P	Jan 10	

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- A comprehensive computing solution for small and medium business
- Balanced between serious business computing and powerful multimedia features
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Processor	Intel® Celeron® Processor T3000 or T3100 with dual-core, 800MHz system bus, and 1MB L2 cache										Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage Power Manager • ThinkVantage System Update • ThinkVantage Toolbox • Adobe® Reader® • Adobe Flash® Player • Skype™ for Windows • Microsoft Office 2010 preloaded; purchase product key to activate • Microsoft Research AutoCollage Touch • Roxio® Creator® Business Edition (DVD±RW) • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW)						
Memory	2GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available																
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in										160GB⁸ (5400 rpm) or 250GB (5400 rpm) /						
SATA disk	SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™																
Widescreen display	14.0" (355mm) HD (1366x768) color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio										<i>Some:</i> camera on top of screen, 2.0-megapixel, fixed focus						
Camera																	
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 (VGA DB-15 port); 1920x1080 (HDMI port)																
Keyboard	6-row, ThinkVantage button, spill-resistant, multimedia Fn keys, Windows and App keys																
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass																
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label, multi-touch																
Lighting FX	Illuminated power button																
Dimensions ³	4/6-cell 14.0W" (WxDxH): 13.54" x 9.17" x 1.26–1.42"; 344mm x 233mm x 32–36mm																
Weight ²	4-cell: starting at 4.59 lb (2.08kg); 6-cell: starting at 5.1 lb (2.3kg)																
Case color	ThinkPad Matte Black																
Case material	Scratch-resistant ABS plastic																
Battery - type ³⁷	Lithium Ion 6-cell																
Battery - life ¹⁰	<i>6-cell:</i> up to 4.0 hr; <i>9-cell:</i> up to 6 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, ethernet MAC), LPC bus (IT8752)																
ExpressCard	One slot (ExpressCard/34)																
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)																
PC Card	None																
Smart Card Read	None																
Ports	Three USB 2.0, one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)																
Mini PCI Express	One Mini PCI Express slot <i>Some:</i> 11b/g/n wireless ⁴ , Mini-PCIe Adapter II																
11n ²⁸	<i>Some:</i> 11b/g/n wireless, Mini PCIe adapter, Intel Centrino® Wireless-N 1000, 1x2																
Intel 1000 ²⁸	None																
WWAN upg	None																
Modem	None																
Bluetooth™	None																
Ethernet	Realtek® RTL8103EL 10/100 Network Connection, PHY, PCIe x1																
Intel AMT	None																
Audio support	High Definition (HD) Audio, ALC269Q codec / stereo speakers, 1.5 watt / speaker volume up, down and mute buttons / mono microphone, mic mute button, mic input jack, headphone jack																
Security	Power-on password, hard disk password, supervisor password, security keyhole																
Security chip	None																
Fingerprint reader	None																
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available																

See footnotes for important warranty information

US models announced October 22 or December 15, 2009

US models withdrawn effective December 2010 or January 2011

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(JAD1-1) January 2011

Memory	Batteries³⁷
2GB PC3-10600 DDR3 L-H SODIMM	55Y3710 ann 03/02/10
2GB PC3-10600 DDR3 L-H SODIMM (25Pack)	57Y4416 ann 03/02/10
4GB PC3-10600 DDR3 L-H SODIMM	55Y3711 ann 03/02/10
Storage and removable storage	Batteries³⁷
SL410/510 500GB Disk SATA 3G/s (5400 rpm)	43N3422 ann 10/22/09
USB 2.0 Portable 320GB Hard Disk	45K1689 ann 03/17/09
USB 2.0 Portable 500GB Hard Disk	45K1690 ann 05/26/09
USB 2.0 Portable Secure 320GB Hard Disk	43R2019 ann 11/18/08
eSATA/USB 2.0 Secure 500GB Hard Drive	57Y4400 ann 01/07/10
Lenovo Slim USB Portable DVD Burner	0A33988 ann 06/14/11
ThinkPad Expansion	44 Requires the ThinkPad 90W AC Adapter
Lenovo® Essential Notebook Stand	45J9292 ann 05/12/09
USB 2.0 Port Replicator with Digital Video	0A33942 ann 03/22/11
Keyboard	More information at www.lenovo.com/alldaycomputing
TrackPoint Cap Collection	73P2698 ann 12/16/03
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
Lenovo Mini Wireless Keyboard N5901 ⁵² (blk)	57Y6336
⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.	
ThinkPad USB Keyboard with TrackPoint	55Y9003 ann 08/18/09
Preferred Pro USB Fingerprint Keyboard	73P4730 ann 02/22/05
Lenovo USB Smartcard Keyboard	51J0155 ann 03/24/09
Mouse	More info at www.lenovo.com/support/poweradapters
Lenovo Optical Mouse (USB)	06P4069 ann 05/21/03
Lenovo Laser Mouse (USB)	41U3074 ann 01/23/07
ThinkPad USB Laser Mouse	57Y4635 ann 12/15/09
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405 ann 08/27/02
ThinkPad Travel Mouse (USB, Optical)	31P7410 ann 06/04/02
ThinkPad Bluetooth Laser Mouse	41U5008 ann 01/22/08
Lenovo Optical Mouse A6010 (black)	57Y6255
Lenovo Mini Optical Mouse M20B	55Y2091
Lenovo Wireless Mouse N30B (black)	55Y9360
Security	Charging tips for 90W Ultraslim AC/DC Combo Adapter 41R4493
3M 14.0W Privacy Filter from Lenovo	0A61769 ann 04/05/11
Kensington® MicroSaver® Cable Lock	73P2582 ann 12/29/03
Kensington Twin Head Cable Lock	45K1620 ann 09/30/08
Lenovo Security Cable Lock	57Y4303 ann 08/24/10
USB Gemplus GemPC Smart Card Reader	41N3040 ann 02/21/06
Multimedia	•iPod and iPhone Charge Tip (L10a) 41R4481 ann 12/18/07
ThinkPad In-Ear Headphones with mic	57Y4488 ann 01/07/10
Lenovo Mini Speakers M220	55Y2033 ann 01/07/10
Lenovo Headphone P550	55Y2065
Modem	•Generic Micro USB charge tip (L18) 41R4490 ann 01/06/09
USB 2.0 Lenovo Modem	43R1814 ann 02/26/08
Batteries³⁷	More information at www.lenovo.com/support/cases
ThinkPad Battery 25 (4-cell)	51J0498 ann 10/22/09
ThinkPad Battery 25+ (6-cell)	51J0499 ann 10/22/09
ThinkPad Battery 25++ (9-cell)	51J0500 ann 10/22/09
ThinkPad External Battery Charger ⁴⁴	40Y7625 ann 09/20/05
⁴⁴ Requires the ThinkPad 90W AC Adapter	
40Y7659 or the adapter provided with the system.	
Carrying Cases	More information at www.lenovo.com/support/poweradapters
Up to 14" widescreen models:	
ThinkPad 14W Case Sleeve	57Y4294 ann 03/16/10
Up to 15.4" widescreen models:	
ThinkPad 15W Case Sleeve	51J0477 ann 08/18/09
Lenovo Messenger Max	41U5253 ann 05/01/07
Lenovo Performance BackPack	41U5254 ann 05/01/07
ThinkPad Business Topload Case	43R2476 ann 05/13/08
ThinkPad Business Backpack	43R2482 ann 05/13/08
ThinkPad Deluxe Expander Case	43R2478 ann 05/13/08
ThinkPad Executive Leather Case	43R2480 ann 05/13/08
Up to 15.6" widescreen models:	
Wenger Backpack for Lenovo	57Y4271 ann 01/07/10
Wenger Slim Case for Lenovo	57Y4273 ann 01/07/10
Wenger Deluxe Slim Case for Lenovo	57Y4272 ann 01/07/10
Monitors	More information at www.lenovo.com/support/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 L2321x Wide 23" Monitor	4014HB6 ann 06/10/10
ThinkVision L2440p Wide 24" Monitor	4420HB2 ann 09/17/08
Monitor Accessories⁴⁶	More information at www.lenovo.com/support/monitoraccessories
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 Security Cable Lock	57Y4303 ann 08/24/10
Lenovo Easy Reach Monitor Stand	55Y9258 ann 09/22/09
⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.	
For more information on accessories:	
www.lenovo.com/accessories	
Purchase Lenovo accessories	
www.lenovo.com/support/accessories	
Product specifications on Lenovo Support	
www.lenovo.com/accessoriesguide	
Option Compatibility Matrix (OCM) and accessory brochures	
www.lenovoquickpick.com	
An Options Compatibility Configurator for Lenovo systems	

ThinkPad®



Lenovo® ThinkPad SL500



Lenovo ThinkPad SL500



Lenovo ThinkPad SL500



Lenovo ThinkPad SL500



USB Port Replicator with Digital Video
45K1610



ThinkPad 90W AC Adapter
40Y7659

Type-model	Celeron processor	GHz Memory	Wide-screen display	CCFL or LED	Screen type	Cam-era	Inte-grated graphics	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB	Mini PCIe or Turbo	Bat-tery Fing cells	Bat-tery Fing cells	Preload	Avail date
2746-8XU	Cel 585	2.16 1GB	15.4" WXGA	Glossy	None	GMA	80G 5400	DVD±RW	11b/g ³²	WWAN upg	None	None	6	Home B	Aug 08		
2746-8YU	Cel 585	2.16 1GB	15.4" WXGA	None	GMA	160G 5400	DVD±RW	11b/g	WWAN upg	None	None	6	XP Pro	Aug 08			
2746-BKU	Cel T1600	1.66 1GB	15.4" WXGA	None	GMA	160G 5400	DVD±RW	11b/g	WWAN upg	None	None	6	XP Pro	Sep 08			
2746-9VU	Cel T1600	1.66 1GB	15.4" WXGA	None	GMA	160G 5400	DVD±RW	11b/g	WWAN upg	None	None	6	Home B	Dec 08			
2746-MGU	Cel T1600	1.66 1GB	15.4" WXGA	LED	None	GMA	160G 5400	DVD±RW	11b/g	None	None	6	Home B	Mar 09			
2746-MHU	Cel T1600	1.66 1GB	15.4" WXGA	LED	None	GMA	160G 5400	DVD±RW	11b/g	None	None	6	XP Pro	Mar 09			
2746-FEU	Cel T3000	1.80 2GB	15.4" WXGA	None	GMA	250G 5400	DVD±RW	11b/g	None	None	6	Home B	Jul 09				

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- A comprehensive computing solution for small and medium business
- Balanced between serious business computing and powerful multimedia features

Processor	Intel® Celeron® Processor 585 with single-core, 667MHz system bus, and 1MB L2 cache or Intel Celeron Processor T1600 with dual-core, 667MHz system bus, and 1MB L2 cache or Intel Celeron Processor T3000 with dual-core, 800MHz system bus, and 1MB L2 cache											Preloaded operating system ²⁰ - Some: Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business - Some: Genuine Windows Vista Home Basic 32 ◆ Vista models: Vista Basic logo				
Memory	1GB or 2GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; Non-italics: standard memory in one socket; one socket available											Preloaded applications ¹⁴ (all OSes; only some listed) • Lenovo Care™ Tools • Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage System Update • McAfee VirusScan® Plus with SiteAdvisor™ (30 days of virus definitions) • Lenovo System Toolbox • ThinkPad Utilities (Power Manager and Presentation Director) • Adobe® Reader® • Microsoft® Office 2007 Trial (60-day) • Roxio® Creator® Small Business Edition (DVD±RW) • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW)				
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 80GB ⁸ (5400 rpm), 160GB (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™															
Widescreen display	Some: 15.4" (391.2mm) WXGA (1280x800) color , anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio Some: 15.4" (391.2mm) WXGA (1280x800) color, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio Some: 15.4" (391mm) WXGA (1280x800) color , anti-glare, LED backlight , 200 nits, 16:10 aspect ratio, 400:1 contrast ratio															
Camera	None															
Integrated graphics	Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40, HDMI port supporting HDCP to output protected content Max external resolution: 2048x1536@75Hz (VGA DB-15 port); 1920x1080 (HDMI port)															
Keyboard TrackPoint® Touch pad Lighting FX	6-row, Lenovo® Care button, spill-resistant, multimedia Fn keys, Windows and App keys TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo															
Dimensions ³ Weight ²	6-cell 15.4W" (WxDxH): 14.1" x 10.2" x 1.46–1.53"; 358 x 260mm x 37–39mm 6-cell: starting at 6.3 lb (2.9kg)															
Case color Case material Battery - type Battery - life ¹⁰	Black Scratch-resistant ABS plastic, high-gloss top cover Lithium Ion 6-cell 6-cell : up to 3.6 hr; 9-cell : up to 5.5 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, ethernet MAC), LPC bus (IT8752 Super I/O) One slot (ExpressCard/34, ExpressCard/54)															
ExpressCard/54 Multicard reader PC Card Smart Card read	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) None None Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)															
Ports	Three Mini PCI Express slots 11b/g wireless ⁴ , ThinkPad 11b/g Mini PCIe Adapter III, Atheros AR5007EG Some: Wireless WAN upgradable, optional AT&T ® (43R9152)															
Mini PCI Express 11b/g ³² WWAN upg 2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support	None None 56K V.92 ⁶ modem None Realtek® RTL8111C Gigabit Network Connection, PHY, PCIe x1 None High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 1.5 watt / volume up, down, mute buttons / dual array microphone, mic input jack, headphone jack Power-on password, hard disk password, supervisor password, security keyhole															
Security Security chip Fingerprint reader	None None None															
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available															
See footnotes for important warranty information US models announced August 20, September 30, December 16, 2008, March 31, 2009 or July 7, 2009 US models withdrawn effective September 2009 or April 2010																

See footnotes for important warranty information

US models announced August 20, September 30, December 16, 2008, March 31, 2009 or July 7, 2009

US models withdrawn effective September 2009 or April 2010

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(TAR1-3) April 2010

Type-model	Proc-essor	GHz	Memory	Wide-screen display	Screen type	Inte-grated era graphics	Disk SATA rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB or Turbo	Finger print	Blue-tooth	Bat-tery reader	cells	Avail date
2746-3UU	T5670	1.80	2GB	15.4" WXGA	Glossy	GMA 250G	5400	DVD±RW	* Intel 5100 ²⁸	AT&T ²³		Fing	6	Bus 32	July 08	
2746-3VU	T5670	1.80	2GB	15.4" WXGA	Glossy	Cam	GMA 250G	5400	DVD±RW	* Intel 5100	AT&T	Fing Blue	6	Home P	July 08	
2746-3WUT	M5670	1.80	2GB	15.4" WXGA	Glossy	Cam	GMA 160G	5400	DVD±RW	* Intel 5100	AT&T	Fing Blue	6	Bus 32	July 08	
2746-3XU	T5670	1.80	2GB	15.4" WXGA	Glossy	GMA 250G	5400	DVD±RW	* Intel 5100	WWAN upg	Fing	6	Bus 32	July 08		
2746-3YU	T5670	1.80	2GB	15.4" WXGA	Glossy	Cam	GMA 250G	5400	DVD±RW	* Intel 5100	WWAN upg	Fing Blue	6	Home P	July 08	
2746-3ZU	T5670	1.80	2GB	15.4" WXGA	Glossy	Cam	GMA 160G	5400	DVD±RW	* Intel 5100	WWAN upg	Fing Blue	6	Bus 32	July 08	
2746-3NU	P8400	2.26	1GB	15.4" WXGA	Glossy	GMA 160G	5400	Combo	‡ Intel 5100	AT&T	Fing	6	Bus 32	July 08		
2746-3PU	P8400	2.26	2GB	15.4" WXGA	Glossy	GMA 160G	5400	DVD±RW	‡ Intel 5100	AT&T	Fing	6	Bus 32	July 08		
2746-3RU	P8400	2.26	1GB	15.4" WXGA	Glossy	GMA 160G	5400	Combo	‡ Intel 5100	WWAN upg	Fing	6	Bus 32	July 08		
2746-3SU	P8400	2.26	2GB	15.4" WXGA	Glossy	GMA 160G	5400	DVD±RW	‡ Intel 5100	WWAN upg	Fing	6	Bus 32	July 08		
2746-23U	P8600	2.40	2GB	15.4" WXGA	Glossy	Cam	GMA 250G	5400	DVD±RW	‡ Intel 5100	AT&T	Fing Blue	6	Bus 32	July 08	
2746-26U	P8600	2.40	2GB	15.4" WXGA	Glossy	Cam	GMA 160G	5400	DVD±RW	‡ Intel 5100	WWAN upg	Fing Blue	6	Bus 32	July 08	
2746-6VU	P8400	2.26	2GB	15.4" WXGA	Glossy	GMA 160G	5400	DVD±RW	‡ Intel 5100	AT&T	Fing	6	XP Pro	Aug 08		
2746-6XU	P8400	2.26	2GB	15.4" WXGA	Glossy	GMA 160G	5400	DVD±RW	‡ Intel 5100	WWAN upg	Fing	6	XP Pro	Aug 08		
2746-6ZU	T5670	1.80	2GB	15.4" WXGA	Glossy	GMA 250G	5400	DVD±RW	* Intel 5100	WWAN upg	Fing	6	XP Pro	Aug 08		
2746-72U	T5670	1.80	2GB	15.4" WXGA	Glossy	Cam	GMA 160G	5400	DVD±RW	* Intel 5100	WWAN upg	Fing Blue	6	XP Pro	Aug 08	
2746-73U	T5670	1.80	1GB	15.4" WXGA	Glossy	GMA 160G	5400	DVD±RW	* Intel 5100	WWAN upg		6	XP Pro	Aug 08		
2746-7DU	P8600	2.40	2GB	15.4" WXGA	Glossy	Cam	GMA 160G	5400	DVD±RW	‡ Intel 5100	WWAN upg	Fing Blue	6	XP Pro	Aug 08	
• These small and medium business (SMB) models are part of the US TopSeller™ Program																
Processor	Intel® Core™ 2 Duo processor T5670 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P8400 or P8600 with dual-core, Intel HD boost, 1066MHz system bus, and 3MB L2 cache												Preloaded operating system²⁰			
Memory	1GB or 2GB 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												- Some: Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business)			
SATA Combo	Some: DVD-ROM/CD-RW, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in												- Some: Genuine Windows Vista Home Premium 32			
SATA DVD±RW	Some: DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in												- Some: Genuine Windows Vista Business 32			
SATA disk	160GB⁸ (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™												◊ 1GB Vista models: Vista Basic logo ◊ 2GB Vista models: Vista Premium logo			
Widescreen display	Some: 15.4" (391.2mm) WXGA (1280x800) color, anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio Some: 15.4" (391.2mm) WXGA (1280x800) color, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio												Preloaded applications¹⁴ (all OSes, only some listed)			
Camera	Some: camera on top of screen, 2.0-megapixel, fixed focus												<ul style="list-style-type: none">• Lenovo Care™ Tools• Rescue and Recovery™• Access Connections™• Password Manager• ThinkVanatge System Update• Fingerprint Software (fingerprint models)• McAfee VirusScan® Plus with SiteAdvisor™ (30 days of virus definitions)• PC-Doctor™ (diagnostics)• ThinkPad Utilities (Power Manager and Presentation Director)• Adobe® Reader• Roxio® Creator® Small Business Edition• Roxio MyDVD® (DVD±RW)			
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD), in GM45, HDMI port supporting HDCP to output protected content Max external resolution: 2048x1536@75Hz (DB-15 port); 1920x1080 (HDMI port)												65-watt (GMA graphics) AC adapter RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378			
Keyboard	6-row, Lenovo® Care button, spill-resistant, multimedia Fn keys															
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass															
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label															
Lighting FX	Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo															
Dimensions ³	6-cell 15.4W" (WxDxH): 14.1" x 10.2" x 1.46–1.53"; 358 x 260mm x 37–39mm															
Weight ²	6-cell: starting at 6.3 lb (2.9kg)															
Case	Color: black; Material: scratch-resistant ABS plastic, high-gloss top cover															
Battery - type	Lithium Ion 6-cell															
Battery - life ¹⁰	6-cell: up to 3.6 hr; 9-cell: up to 5.5 hr															
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, security chip, ethernet MAC), LPC bus (IT8752 Super I/O)															
ExpressCard slot	One ExpressCard/34 or ExpressCard/54															
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)															
PC Card Std slot	None															
Smart Card Read	None															
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)															
Mini PCI Express	Three Mini PCI Express slots															
Intel 5100 ²⁸	11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)												ThinkPlus™ 22 1-year LOR ²⁴ 9x5 NBD 45K5968			
WWAN upg	Some: Wireless WAN upgradable, optional AT&T® (43R9152)												ThinkPlus 2-year LOR 9x5 NBD 45K5969			
AT&T ²³	Some: Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T®												ThinkPlus 3-year LOR 9x5 NBD 45K5970			
2G Turbo	Some: Intel Turbo Memory, Half-Mini PCIe adapter, 2GB flash, disk-cache accelerator												ThinkPlus 4-year LOR 9x5 NBD 45K5973			
UWB	None												ThinkPlus 5-year LOR 9x5 NBD 45K5975			
Modem	56K V.92 ⁶ modem												ThinkPlus 2-year P&L P/U Depot 45K5971			
Bluetooth™	Some: Bluetooth 2.0 wireless, LED indicator												ThinkPlus 3-year P&L P/U Depot 45K5972			
Ethernet	Realtek RTL8111C Gigabit Network Connection, PHY, PCIe x1												ThinkPlus 4-year P&L P/U Depot 45K5974			
Intel AMT	None												ThinkPlus 5-year P&L P/U Depot 45K5976			
Audio support	High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 2 watt / volume up, down, mute buttons / dual array microphone, mic input jack, headphone jack												Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty			
Security	Power-on password, hard disk password, supervisor password, security keyhole															
Security chip	None															
Fingerprint reader	Some: Fingerprint reader on palm rest, swipe sensor, supports the security chip															
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ depot repair service / service upgrades ²² available															

See footnotes for important warranty information
US models announced July 15 or 29, 2008
US models withdrawn effective September 2008, January or September 2009

* Intel Centrino® processor technology
† Intel Centrino2 processor technology

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(TAR1-1) September 2009

Type-model	Processor	GHz	Memory	Wide-screen display	Screen type	Cam-era	Inte-grated graphics	Disk SATA	SATA rpm	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB or Turbo	Finger print	Blue-tooth	Bat-tery reader	Pre-load cells	Avail date	
2746-6DU T5670	1.80	1GB	15.4" WXGA				GMA	80GB	5400	DVD±RW *	Intel 5100 ²⁸	WWAN upg	None		6	XP Pro	Sep 08	
2746-6EU P7370	2.00	2GB	15.4" WXGA				GMA	250G	5400	DVD±RW ♦	Intel 5100	WWAN upg	None	Fing	6	XP Pro	Sep 08	
2746-6JU T5870	2.00	2GB	15.4" WXGA			Cam	GMA	250G	5400	DVD±RW *	Intel 5100	WWAN upg	None	Fing Blue	6	XP Pro	Oct 08	
2746-9LU P7370	2.00	3GB	15.4" WXGA			Cam	GMA	250G	5400	DVD±RW ♦	Intel 5100	WWAN upg	None	Fing Blue	6	XP Pro	Nov 08	
2746-9MUT5870	2.00	1GB	15.4" WXGA				GMA	160G	5400	DVD±RW *	Intel 5100	WWAN upg	None		6	XP Pro	Dec 08	
2746-9NU T5870	2.00	2GB	15.4" WXGA				GMA	250G	5400	DVD±RW *	Intel 5100	WWAN upg	None	Fing	6	XP Pro	Dec 08	
2746-9PU T5870	2.00	2GB	15.4" WXGA				GMA	250G	5400	DVD±RW *	Intel 5100	WWAN upg	None	Fing	6	Bus 32	Dec 08	
2746-9QUT5870	2.00	3GB	15.4" WXGA	Glossy	Cam	GMA	250G	5400	DVD±RW *	Intel 5100	WWAN upg	None		Blue	6	Home P	Dec 08	
2746-ASU P8600	2.40	2GB	15.4" WXGA			Cam	GMA	250G	5400	DVD±RW ♦	Intel 5100	WWAN upg	None	Fing	6	Bus 32	Dec 08	
2746-H2U P8600	2.40	2GB	15.4" WXGA				GMA	160G	5400	DVD±RW ♦	WiMAX	WWAN upg	None	Fing	6	Bus 32	Jan 09	
2746-H3U P8600	2.40	3GB	15.4" WXGA				Cam	GMA	160G	5400	DVD±RW ♦	Intel 5100	WWAN upg	None	Fing Blue	6	XP Pro	Jan 09

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- A comprehensive computing solution for small and medium business

Processor	Intel® Core™ 2 Duo processor T5670 or T5870 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7370 or P8600 with dual-core, Intel HD boost, 1066MHz system bus, and 3MB L2 cache													Preloaded operating system²⁰		
Memory	1GB, 2GB, or 3GB 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													- Some: Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business		
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in													- Some: Genuine Windows Vista Home Premium 32		
SATA disk	80GB⁸ (5400 rpm), 160GB (5400 rpm), or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™													- Some: Genuine Windows Vista Business 32		
Widescreen display	<i>Some:</i> 15.4" (391.2mm) WXGA (1280x800) color, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio Some: 15.4" (391.2mm) WXGA (1280x800) color, anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio													Preloaded applications¹⁴ (all OSes; only some listed)		
Camera	<i>Some:</i> camera on top of screen, 2.0-megapixel, fixed focus													• Lenovo Care™ Tools		
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD), in GM45, HDMI port supporting HDCP to output protected content <i>Max external resolution:</i> 2048x1536 @75Hz (VGA DB-15); 1920x1080 (HDMI)													• Rescue and Recovery™		
Keyboard	6-row, Lenovo® Care button, spill-resistant, multimedia Fn keys													• Access Connections™		
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass													• Password Manager		
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label													• ThinkVantage System Update		
Lighting FX	Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo													• Fingerprint Software (fingerprint models)		
Dimensions ³	6-cell 15.4W" (WxDxH): 14.1" x 10.2" x 1.46–1.53"; 358 x 260mm x 37–39mm													• Lenovo System Toolbox		
Weight ²	6-cell: starting at 6.3 lb (2.9kg)													• ThinkPad Utilities (Power Manager and Presentation Director)		
Case color	Black													• Adobe® Reader®		
Case material	Scratch-resistant ABS plastic, high-gloss top cover													• Roxio® Creator® Small Business Edition (DVD±RW)		
Battery - type	Lithium Ion 6-cell													• Roxio MyDVD® (DVD±RW)		
Battery - life ¹⁰	6-cell: up to 3.6 hr; 9-cell: up to 5.5 hr													• Corel® WinDVD® (DVD±RW)		
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC), LPC bus (IT8752 Super I/O)													65-watt (GMA graphics) AC adapter		
ExpressCard/54	RoHS-compliant													International Warranty Service ¹⁷		
Multicard reader	24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378													ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD		
PC Card	45K5968													45K5969		
Smart Card read	None													ThinkPlus 3-year LOR 9x5 NBD		
Ports	None													45K5970		
Mini PCI Express	Three Mini PCI Express slots													ThinkPlus 4-year LOR 9x5 NBD		
Intel 5100 ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)													45K5973		
WiMAX	<i>Some:</i> 11a/b/g/n and WiMAX wireless ⁴ , Mini PCIe adap, Intel WiMAX/WiFi Link 5150, 1x2 (300Mbps) WiFi + 1x2 WiMAX (Echo Peak)													ThinkPlus 5-year LOR 9x5 NBD		
WWAN upg	Wireless WAN upgradable, optional AT&T® (43R9152)													45K5975		
2G Turbo	None													ThinkPlus 2-year P&L P/U Depot		
UWB	None													45K5971		
Modem	56K V.92 ⁶ modem													ThinkPlus 3-year P&L P/U Depot		
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless, LED indicator													45K5972		
Ethernet	Realtek® RTL8111C Gigabit Network Connection, PHY, PCIe x1													ThinkPlus 4-year P&L P/U Depot		
Intel AMT	None													45K5974		
Audio support	High Definition (HD) Audio, CX20561-1Z codec / stereo speakers, 1.5 watt / volume up, down, mute buttons / dual array microphone, mic input jack, headphone jack													ThinkPlus 5-year P&L P/U Depot		
Security	Power-on password, hard disk password, supervisor password, security keyhole													45K5976		
Security chip	None													Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty		
Fingerprint reader	<i>Some:</i> Fingerprint reader on palm rest, swipe sensor															
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available															

See footnotes for important warranty information
US models announced September 30, October 7,

* Intel Centrino® processor technology
† Intel Centrino 2 processor technology

November 25, December 16, 2008, or Jan 6, 2009
US models withdrawn effective January or September 2009, or April 2010

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Type-model	Processor	GHz	Memory	Wide-screen display	CCFL or LED	Cam- era graphics	Inte- gated era graphics	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Finger print reader	Bat- tery toothcells	Pre- load	Whorse (W) Gbl (G) Educ	Avail date
2746-MJU	T5870	2.00	2GB	15.4" WXGA	LED	GMA	160G 5400	DVD±RW	* Intel 5100 ²⁸				6	XP Pro	Mar 09	
2746-MKU	T5870	2.00	3GB	15.4" WXGA	LED Cam	GMA	250G 5400	DVD±RW	* Intel 5100			Blue	6	Home P	Mar 09	
2746-MLU	T5870	2.00	3GB	15.4" WXGA	LED	GMA	250G 5400	DVD±RW	* Intel 5100			Fing	6	XP Pro	Mar 09	
2746-MMU	T5870	2.00	3GB	15.4" WXGA	LED	GMA	250G 5400	DVD±RW	* Intel 5100	AT&T ²³		Fing	6	Bus32	Mar 09	
2746-MNU	T6570	2.10	3GB	15.4" WXGA	LED Cam	GMA	320G 5400	DVD±RW	* Intel 5100			Fing	6	XP Pro	Mar 09	
2746-MPU	P8600	2.40	3GB	15.4" WXGA	LED Cam	GMA	250G 5400	DVD±RW	* Intel 5100			Fing	6	XP Pro	Mar 09	
2746-N9U	T6570	2.10	2GB	15.4" WXGA	LED Cam	GMA	250G 5400	DVD±RW	* Intel 5100			Fing	6	Ult 32	Apr 09	
2746-EKU	T5870	2.00	3GB	15.4" WXGA	LED Cam	GMA	250G 5400	DVD±RW	* Intel 5100			Fing	6	XP Pro	Jul 09	
2746-ELU	P7570	2.26	3GB	15.4" WXGA	LED Cam	GMA	320G 5400	DVD±RW	* Intel 5100			Fing	6	XP Pro	Jul 09	
2746-NDU	T5870	2.00	2GB	15.4" WXGA		GMA	160G 5400	DVD±RW	* Intel 5100			6	XP Pro	Jul 09		

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- A comprehensive computing solution for small and medium business

Processor	Intel Core™ 2 Duo processor T5870 or T6570 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7570 or P8600 with dual-core, Intel HD boost, 1066MHz system bus, and 3MB L2 cache												Preloaded operating system ²⁰
Memory	2GB or 3GB 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												- Some: Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB⁸ (5400 rpm), 250GB (5400 rpm), or 320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™												- Some: Genuine Windows Vista Home Premium 32
Widescreen display	<i>Some:</i> 15.4" (391.2mm) WXGA (1280x800) color , anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio <i>Some:</i> 15.4" (391.2mm) WXGA (1280x800) color , anti-glare, LED backlight , 200 nits, 16:10 aspect ratio, 300:1 contrast ratio												- Some: Genuine Windows Vista Business 32
Camera	<i>Some:</i> camera on top of screen, 2.0-megapixel, fixed focus												- Some: Genuine Windows Vista Ultimate 32
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, HDMI port supporting HDCP to output protected content <i>Max external resolution:</i> 2048x1536@75Hz (VGA DB-15); 1920x1080 (HDMI)												✧ Vista models: Vista Basic logo
Keyboard TrackPoint® Touch pad Lighting FX	6-row, Lenovo® Care button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo												Preloaded applications ¹⁴ (all OSes; only some listed)
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	6-cell 15.4W" (WxDxH): 14.1" x 10.2" x 1.46–1.53"; 358 x 260mm x 37–39mm 6-cell: starting at 6.3 lb (2.9kg) Black Scratch-resistant ABS plastic, high-gloss top cover Lithium Ion 6-cell 6-cell: up to 3.6 hr; 9-cell: up to 5.5 hr												• Lenovo Care™ Tools • Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage System Update • Fingerprint Software (fingerprint models) • Lenovo System Toolbox • ThinkPad Utilities (Power Manager and Presentation Director) • Roxio® Creator® Small Business Edition (DVD±RW) • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW)
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC), LPC bus (IT8752 Super I/O)												65-watt (GMA graphics) AC adapter RoHS-compliant
ExpressCard/54 Multicard reader PC Card Smart Card read	One slot (ExpressCard/34, ExpressCard/54) 7-in-1 reader (MMC, Memory Stick, Mem Stick PRO™, SD, SDHC, XD, XD Type H)												International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)												ThinkPlus™ ²² 1-year LOR ²⁴ 9x5 NBD 45K5968
Mini PCI Express Intel 5100 ²⁸ AT&T ²³	Three Mini PCI Express slots 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) <i>Some:</i> Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T®												ThinkPlus 2-year LOR 9x5 NBD 45K5969
2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT	None None 56K V.92 ⁶ modem <i>Some:</i> Bluetooth 2.1 wireless, LED indicator												ThinkPlus 3-year LOR 9x5 NBD 45K5970
Audio support	Realtek® RTL8111C Gigabit Network Connection, PHY, PCIe x1												ThinkPlus 4-year LOR 9x5 NBD 45K5973
Security Security chip Fingerprint reader	None None <i>Some:</i> Fingerprint reader on palm rest, swipe sensor												ThinkPlus 5-year LOR 9x5 NBD 45K5975
Limited warranty ¹² 1-year - depot repair service / service upgrades ²² available	High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 1.5 watt / volume up, down, mute buttons / dual array microphone, mic input jack, headphone jack Power-on password, hard disk password, supervisor password, security keyhole												ThinkPlus 2-year P&L P/U Depot 45K5971
See footnotes for important warranty information US models announced Mar 31, April 7, or July 7, 2009 US models withdrawn effective April 2010	* Intel Centrino® processor technology † Intel Centrino 2 processor technology												ThinkPlus 3-year P&L P/U Depot 45K5972
													ThinkPlus 4-year P&L P/U Depot 45K5974
													ThinkPlus 5-year P&L P/U Depot 45K5976
	Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty												

Type-model	Processor	GHz	Memory	Wide-screen display	Screen type	Cam-Discrete era graphics	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB or Turbo	Battery cells	Preload	Available date
2746-3QU P8400	2.26	2GB	15.4" WSXGA+			Cam 9300M	160G 5400	DVD±RW	♦ Intel 5100 ²⁸	AT&T ²³		6	Bus 32	July 08
2746-3TU P8400	2.26	2GB	15.4" WSXGA+			Cam 9300M	160G 5400	DVD±RW	♦ Intel 5100	WWAN upg		6	Bus 32	July 08
2746-22U P8400	2.26	2GB	15.4" WXGA	Glossy		Cam 9300M	160G 5400	DVD±RW	♦ Intel 5100	AT&T		6	Bus 32	July 08
2746-24U P8600	2.40	2GB	15.4" WSXGA+			Cam 9300M	320G 5400	DVD±RW	♦ Intel 5100	AT&T	2GB Turbo	9	Bus 32	July 08
2746-25U T9400	2.53	4GB	15.4" WSXGA+			Cam 9300M	320G 5400	BD burner	♦ Intel 5100	AT&T	2GB Turbo	9	Ult 32	July 08
2746-6WUP8400	2.26	2GB	15.4" WSXGA+			Cam 9300M	160G 5400	DVD±RW	♦ Intel 5100	AT&T		6	XP Pro	Aug 08
2746-6YU P8400	2.26	2GB	15.4" WSXGA+			Cam 9300M	160G 5400	DVD±RW	♦ Intel 5100	WWAN upg		6	XP Pro	Aug 08
2746-H4U P8600	2.40	2GB	15.4" WSXGA+			Cam 9300M	250G 5400	BD player	♦ Intel 5100			6	XP Pro	Feb 09

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- A comprehensive computing solution for small and medium business

Processor	Intel® Core™ 2 Duo processor P8400, P8600, or T9400 with dual-core, Intel HD boost, 1066MHz system bus; P8400/P8600: 3MB L2 cache; T9400: 6MB L2 cache												Preloaded operating system ²⁰
Memory	2GB or 4GB 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												- Some: Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business
SATA DVD±RW	<i>Some:</i> DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in												- Some: Genuine Windows Vista Business 32
SATA BD burner	<i>Some:</i> Blu-ray™ burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in												- Some: Genuine Windows Vista Ultimate 32
SATA BD player	<i>Some:</i> Blu-ray player, DVD burner, SATA 1.5Gb/s, 12.7mm, fixed, not removable, tray-in												♦ Vista models: Vista Premium logo
SATA disk	160GB⁸ (5400 rpm), 250GB (5400), or 320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™												Preloaded applications ¹⁴ (all OSes; only some listed)
Widescreen display	<i>Some:</i> 15.4" (391.2mm) WXGA (1280x800) color, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio <i>Some:</i> 15.4" (391.2mm) WSXGA+ (1680x1050) color , anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio												• Lenovo Care™ Tools
Camera	Camera on top of screen, 2.0-megapixel, fixed focus												• Rescue and Recovery™
Discrete graphics	NVIDIA® GeForce 9300M , PCI Express® x16, 256MB memory, HDMI port supporting HDCP to output protected content; <i>Max external resolution:</i> 2048x1536@85Hz (DB-15 port); 1920x1080 (HDMI port)												• Access Connections™
Keyboard TrackPoint®	6-row, Lenovo® Care button, spill-resistant, multimedia Fn keys												• Password Manager
Touch pad	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass												• ThinkVantage System Update
Lighting FX	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label Illuminated power button, Lenovo Care button, ThinkPad logo												• Fingerprint Software (fingerprint models)
Dimensions ³	6-cell 15.4W" (WxDxH): 14.1" x 10.2" x 1.46–1.53", 358 x 260mm x 37–39mm												• Lenovo System Toolbox
Weight ²	6-cell: starting at 6.3 lb (2.9kg); 9-cell: starting at 6.7 lb (3.0kg)												• Adobe® Reader®
Case color	black												• Microsoft® Office 2007 Trial (60-day)
Case material	scratch-resistant ABS plastic, high-gloss top cover												• Roxio® Creator® Small Business Edition (DVD±RW)
Battery - type	Lithium Ion 6-cell or 9-cell												• Roxio MyDVD® (DVD±RW)
Battery - life ¹⁰	6-cell: up to 3 hr; 9-cell: up to 4.9 hr												• Corel® WinDVD® (DVD±RW)
Chipset	Mobile Intel PM45 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), LPC bus (IT8752 Super I/O)												90-watt (NVIDIA) AC adapter
ExpressCard	One slot (ExpressCard/34, ExpressCard/54)												RoHS-compliant
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)												International Warranty Service ¹⁷
PC Card	None												24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
Smart Card Read	None												ThinkPlus™, ²² 1-year LOR ²⁴ 9x5 NBD 45K5968
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)												ThinkPlus 2-year LOR 9x5 NBD 45K5969
Mini PCI Express	Three Mini PCI Express slots												ThinkPlus 3-year LOR 9x5 NBD 45K5970
Intel 5100 ²⁸	11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)												ThinkPlus 4-year LOR 9x5 NBD 45K5973
WWAN upg	<i>Some:</i> Wireless WAN upgradable, optional AT&T® (43R9152)												ThinkPlus 5-year LOR 9x5 NBD 45K5975
AT&T ²³	<i>Some:</i> Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T												ThinkPlus 2-year P&L P/U Depot 45K5971
2G Turbo	<i>Some:</i> Intel Turbo Memory, Half-Mini PCIe adapter, 2GB flash, disk-cache accelerator												ThinkPlus 3-year P&L P/U Depot 45K5972
UWB	None												ThinkPlus 4-year P&L P/U Depot 45K5974
Modem	56K V.92 ⁶ modem												ThinkPlus 5-year P&L P/U Depot 45K5976
Bluetooth™	Bluetooth 2.1 wireless, LED indicator												Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty
Ethernet	Realtek RTL8111C Gigabit Network Connection, PHY, PCIe x1												
Intel AMT	None												
Audio support	High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 1.5 watt / volume up, down, mute buttons / dual array microphone, mic input jack, headphone jack												
Security	Power-on password, hard disk password, supervisor password, security keyhole												
Security chip	None												
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor												
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available												

See footnotes for important warranty information

♦ Intel Centrino® 2 processor technology

US models announced July 15 or July 29, 2008, or February 10, 2009

US models withdrawn effective September 2008, September 2009 or April 2010

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(TAR1-2) April 2010

Type-model	Celeron processor	GHz	Memory	Wide-screen display	Cam-era	Inte-grated graphics	Disk SATA GB ⁸	SATA rpm	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB or Turbo	Finger print reader	Blue-tooth	Bat-tery cells	Preload	Avail date
4414-2MU	Cel T1600	1.66	2GB	15.4" WXGA	None	GMA	160G	5400	DVD±RW	11b/g	None	None	Fing	Blue	6	Bus 32 Aug 09

- Entry price point ThinkPad notebooks available for bid to relationship accounts
- This model has an depot repair service 3-year limited warranty

Processor	Intel® Celeron® Processor T1600 with dual-core, 667MHz system bus, and 1MB L2 cache												Preloaded operating system²⁰ - Genuine Windows® Vista® Business 32 ◊ Vista Basic logo		
Memory	2GB std / 4GB max⁷ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; Non-italics: standard memory in one socket; one socket available														
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in														
SATA disk	160GB⁹ (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™														
Widescreen display	15.4" (391.2mm) WXGA (1280x800) color, anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio														
Camera	None														
Integrated graphics	Intel Graphics Media Accelerator 4500M (GMA 4500M), in GL40, HDMI port supporting HDCP to output protected content Max external resolution: 2048x1536@75Hz (VGA DB-15 port); 1920x1080 (HDMI port)														
Keyboard	6-row, Lenovo® Care button, spill-resistant, multimedia Fn keys, Windows and App keys														
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass														
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label														
Lighting FX	Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo														
Dimensions ³	6-cell 15.4W" (WxDxH): 14.1" x 10.2" x 1.46–1.53"; 358 x 260mm x 37–39mm														
Weight ²	6-cell: starting at 6.3 lb (2.9kg)														
Case color	Black														
Case material	Scratch-resistant ABS plastic, high-gloss top cover														
Battery - type	Lithium Ion 6-cell														
Battery - life ¹⁰	6-cell: up to 3.6 hr; 9-cell: up to 5.5 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, ethernet MAC), LPC bus (IT8752 Super I/O)														
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)														
Multicard reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)														
PC Card	None														
Smart Card read	None														
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)														
Mini PCI Express	Three Mini PCI Express slots														
11b/g ³²	11b/g wireless⁴, ThinkPad 11b/g Mini PCIe Adapter III, Atheros AR5007EG														
WWAN upg	None														
2G Turbo	None														
UWB	None														
Modem	56K V.92 ⁶ modem														
Bluetooth™	Bluetooth 2.1 wireless, LED indicator														
Ethernet	Realtek® RTL8111C Gigabit Network Connection, PHY, PCIe x1														
Intel AMT	None														
Audio support	High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 1.5 watt / volume up, down, mute buttons / dual array microphone, mic input jack, headphone jack														
Security chip	Power-on password, hard disk password, supervisor password, security keyhole														
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor														
Limited warranty¹² 3-years/1-yr battery - depot repair service / service upgrades²² available															

See footnotes for important warranty information

US model announced August 4, 2009

US model withdrawn effective April 2010

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(TAR11C-2) April 2010

Type-model	Processor	GHz	Memory	Wide-screen display	CCFL or LED	Cam-era	Inte-grated graphics	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Finger print reader	Bat-tery cells	Blue-tooth	Pre-load	Avail date
4414-25U	T5870	2.00	2GB	15.4" WXGA		None	GMA	160G 5400	DVD±RW	* Intel 5100 ²⁸	None	Fing	Blue	6	Bus 32	Aug 09
4414-29U	P8700	2.53	2GB	15.4" WXGA	LED	None	GMA	160G 5400	DVD±RW	‡ Intel 5100	None	Fing	Blue	6	Bus 32	Aug 09

- Entry price point ThinkPad notebooks available for bid to relationship accounts
- These models have an depot repair service 3-year limited warranty

Processor	Intel® Core™ 2 Duo processor T5870 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P8700 with dual-core, Intel HD boost, 1066MHz system bus, and 3MB L2 cache										Preloaded operating system²⁰ - Genuine Windows® Vista® Business 32 ◊ Vista Basic logo				
Memory	2GB std / 4GB max⁷ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; Non-italics: standard memory in one socket; one socket available										Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none">• Lenovo Care™ Tools• Rescue and Recovery™• Access Connections™• Password Manager• ThinkVantage System Update• Fingerprint Software (fingerprint models)• McAfee VirusScan® Plus with SiteAdvisor™ (30 days of virus definitions)• Lenovo System Toolbox• ThinkPad Utilities (Power Manager and Presentation Director)• Adobe® Reader®• Microsoft® Office 2007 Trial (60-day)• Roxio® Creator® Small Business Edition (DVD±RW)• Roxio MyDVD® (DVD±RW)• Corel® 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) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™														
Widescreen display	Some: 15.4" (391.2mm) WXGA (1280x800) color, anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio Some: 15.4" (391.2mm) WXGA (1280x800) color, anti-glare, LED backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio														
Camera	None														
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD), in GM45, HDMI port supporting HDCP to output protected content Max external resolution: 2048x1536@75Hz (VGA DB-15); 1920x1080 (HDMI)														
Keyboard	6-row, Lenovo® Care button, spill-resistant, multimedia Fn keys														
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass														
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label														
Lighting FX	Illuminated power button, Lenovo Care button, and red dot on ThinkPad logo														
Dimensions ³	6-cell 15.4W" (WxDxH): 14.1" x 10.2" x 1.46–1.53"; 358 x 260mm x 37–39mm														
Weight ²	6-cell: starting at 6.3 lb (2.9kg)														
Case color	Black														
Case material	Scratch-resistant ABS plastic, high-gloss top cover														
Battery - type	Lithium Ion 6-cell														
Battery - life ¹⁰	6-cell: up to 3.6 hr; 9-cell: up to 5.5 hr														
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC), LPC bus (IT8752 Super I/O)														
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)														
Multicard reader	7-in-1 reader (MMC, Memory Stick, Mem Stick PRO™, SD, SDHC, XD, XD Type H)														
PC Card	None														
Smart Card read	None														
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)														
Mini PCI Express	Three Mini PCI Express slots 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)														
Intel 5100 ²⁸	None														
WWAN upg	None														
2G Turbo	None														
UWB	None														
Modem	56K V.92 ⁶ modem														
Bluetooth™	Bluetooth 2.1 wireless, LED indicator														
Ethernet	Realtek® RTL8111C Gigabit Network Connection, PHY, PCIe x1														
Intel AMT	None														
Audio support	High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 1.5 watt / volume up, down, mute buttons / dual array microphone, mic input jack, headphone jack														
Security	Power-on password, hard disk password, supervisor password, security keyhole														
Security chip	None														
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor														
Limited warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades²² available														

See footnotes for important warranty information
US models announced August 4, 2009
US models withdrawn effective April 2010

* Intel Centrino® processor technology
‡ Intel Centrino 2 processor technology

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(TAR11C-1) April 2010

Memory		Batteries	
1GB PC2-5300 DDR2 SODIMM	40Y7734	ann 01/05/06	40Y6799 ann 01/05/06
1GB PC2-5300 DDR2 SODIMM (25-Pack)	51J0502	ann 03/17/09	40Y6797 ann 09/20/05
2GB PC2-5300 DDR2 SODIMM	40Y7735	ann 11/28/06	40Y7625 ann 09/20/05
2GB PC2-5300 DDR2 SODIMM (25-Pack)	51J0548	ann 03/17/09	⁴⁴ Requires the ThinkPad 90W AC Adapter 40Y7659 or the adapter provided with the system.
Storage and removable storage		More information at www.lenovo.com/alldaycomputing	
SL 320GB Disk SATA 1.5Gb/s (5400 rpm)	43N3405	ann 07/15/08	ThinkPad 65W AC Adapter ⁴⁵ 40Y7696 ann 01/05/06
USB 2.0 Essential Memory Key 4GB	45J7904	ann 06/24/08	⁴⁵ Only compatible with the integrated graphics models.
USB 2.0 Essential Memory Key 8GB	45J7905	ann 07/15/08	ThinkPad 90W AC Adapter 40Y7659 ann 09/20/05
USB 2.0 Essential Memory Key 32GB	45K1258	ann 10/28/08	90W Ultrathin AC/DC Combo Adapter 41R4493 ann 09/22/09
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 320GB Hard Disk	45K1689	ann 03/17/09	More info at www.lenovo.com/support/poweradapters
USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09	Charging tips for 90W Ultrathin AC/DC Combo Adapter 41R4493
USB 2.0 Portable Secure 160GB Hard Disk	43R2018	ann 11/18/08	• Palm device charge tip (L7) 41R4315 ann 12/18/07
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	ann 11/18/08	• BlackBerry charge tip (L8a) 41R4478 ann 12/18/07
eSATA/USB 2.0 Secure 500GB Hard Drive	57Y4400	ann 01/07/10	• iPod and iPhone Charge Tip (L10a) 41R4481 ann 12/18/07
USB 2.0 Super Multi-Burner Drive	41N5565	ann 01/23/07	• Generic Micro USB charge tip (L18) 41R4490 ann 01/06/09
USB 2.0 Portable DVD Burner	43N3264	ann 01/05/10	More information at www.lenovopowertips.com
Wireless WAN (Mini PCI Express)		Carrying Cases	
<i>Only WWAN upgradable models:</i>		Up to 15.4" widescreen models:	
Verizon® WWAN UNDP Broadband Mini PCIe	43R9151	ann 08/05/08	ThinkPad 15W Case Sleeve 51J0477 ann 08/18/09
AT&T® WWAN HSPA Broadband Mini PCIe	43R9152	ann 08/26/08	Lenovo Business Messenger Case 51J0475 ann 08/18/09
ThinkPad Expansion		Lenovo Messenger Max 41U5253 ann 05/01/07	
Lenovo® Essential Notebook Stand	45J9292	ann 05/12/09	Lenovo Performance BackPack 41U5254 ann 05/01/07
USB Port Replicator with Digital Video	45K1610	ann 07/28/09	Checkpoint Friendly Business Topload Case 51J0418 ann 05/05/09
Keyboard		ThinkPad Business Topload Case 43R2476 ann 05/13/08	
TrackPoint Cap Collection	73P2698	ann 12/16/03	ThinkPad Business Backpack 43R2482 ann 05/13/08
USB Numeric Keypad	33L3225	ann 05/01/00	ThinkPad Deluxe Expander Case 43R2478 ann 05/13/08
Preferred Pro USB Keyboard	73P5220	ann 06/21/05	ThinkPad Executive Leather Case 43R2480 ann 05/13/08
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.			
ThinkPad USB Keyboard with TrackPoint	55Y9003	ann 08/18/09	Monitors
Preferred Pro USB Fingerprint Keyboard	73P4730	ann 02/22/05	ThinkVision® L1711p 17" Monitor 5047HB2 ann 10/20/09
Lenovo USB Smartcard Keyboard	51J0155	ann 03/24/09	ThinkVision L1900p 19" Monitor 4431HE1 ann 11/11/08
Mouse		ThinkVision L1951p Wide 19" Monitor 2448HB6 ann 10/20/09	
Lenovo Mini Optical Mouse - Black (USB)	55Y9308	ann 05/19/09	ThinkVision L2250p Wide 22" Monitor 2572HB6 ann 10/20/09
Lenovo Mini Optical Mouse - White (USB)	55Y9309	ann 05/19/09	ThinkVision L2251p Wide 22" Monitor 2572HD6 ann 10/20/09
Lenovo Optical Mouse (USB)	06P4069	ann 05/21/03	ThinkVision L2251x Wide 22" Monitor 2578HB6 ann 10/20/09
Lenovo Laser Mouse (USB)	41U3074	ann 01/23/07	ThinkVision L2440p Wide 24" Monitor 4420HB2 ann 09/17/08
ThinkPad USB Laser Mouse	57Y4635	ann 12/15/09	
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405	ann 08/27/02	
ThinkPad Travel Mouse (USB, Optical)	31P7410	ann 06/04/02	
ThinkPad Bluetooth Laser Mouse	41U5008	ann 01/22/08	
Security			
Kensington® MicroSaver® Cable Lock	73P2582	ann 12/29/03	Monitor Accessories ⁴⁶
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08	ThinkVision USB Soundbar 40Y7616 ann 08/23/05
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06	ThinkVision Soundbar 45K1263 ann 09/16/08
ExpressCard Gemplus Smart Card Reader ⁴⁷	41N3043	ann 06/27/06	Kensington MicroSaver Cable Lock 73P2582 ann 12/29/03
⁴⁷ Requires ExpressCard slot		Kensington Twin Head Cable Lock 45K1620 ann 09/30/08	Lenovo Easy Reach Monitor Stand 55Y9258 ann 09/22/09
Multimedia		Radial Arm 19K4464 ann 05/05/00	
ThinkPad In-Ear Headphones	57Y4488	ann 01/07/10	For more information on ThinkPad SL accessories, please visit: www.lenovo.com/support/accessories www.lenovo.com/support/notebookaccessories www.lenovo.com/support/security
			Other accessories at www.lenovo.com/accessories Accessories Guide pdf at www.lenovo.com/accessoriesguide

ThinkPad®



Lenovo® ThinkPad SL510



Lenovo ThinkPad SL510



Lenovo ThinkPad SL510



Lenovo ThinkPad SL510



Lenovo Essential Notebook Stand
45J9292



ThinkPad SL510 Touchpad

Type-model	Processor	GHz	Memory	Wide-screen display	CCFL or LED	Camera	Integrated graphics	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Finger print	Bat- terry reader cells	Blue- tooth	Preload	Avail date
2847-2JU	T5870	2.00	2GB	15.6" HD	LED	GMA	160G 5400	DVD±RW	* Intel 5100 ²⁸					6	XP Pro	Oct 09
2847-2MU	T5870	2.00	3GB	15.6" HD	LED	2.0M	GMA	250G 5400	DVD±RW	* Intel 5100				6	XP Pro	Oct 09
2847-2NU	T5870	2.00	3GB	15.6" HD	LED	2.0M	GMA	250G 5400	DVD±RW	* Intel 5100	AT&T ²³			6	XP Pro	Oct 09
2847-2PU	T6670	2.20	4GB	15.6" HD	LED	2.0M	GMA	320G 5400	DVD±RW	* Intel 5100		Blue	Fing	6	XP Pro	Oct 09
2847-9WU	T6570	2.10	3GB	15.6" HD	LED	2.0M	GMA	320G 7200	DVD±RW	* Intel 1000 ²⁸				6	XP Pro	Jan 10
2847-3ZU	T6570	2.10	2GB	15.6" HD	LED	2.0M	GMA	250G 5400	DVD±RW	* Intel 1000				6	XP Pro	Jan 10
2847-QJU	T6670	2.20	4GB	15.6" HD	LED	2.0M	GMA	320G 5400	DVD±RW	* Intel 1000		Blue	Fing	6	XP Pro	Oct 09

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- A comprehensive computing solution for small and medium business
- Balanced between serious business computing and powerful multimedia features

Processor	Intel® Core™ 2 Duo processor T5870, T6570, or T6670 with dual-core, 800MHz system bus, and 2MB L2 cache													Preloaded operating system²⁰	
Memory	2GB, 3GB, 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; one socket available													Windows® XP Professional preinstalled through downgrade rights in Genuine Windows 7 Professional 32	
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in														
SATA disk	160GB ⁸ (5400 rpm), 250GB (5400 rpm), or 320GB (5400 or 7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™														
Widescreen display	15.6" (395mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio													Preloaded applications¹⁴ (only some listed)	
Camera	Some: camera on top of screen, 2.0-megapixel, fixed focus													<ul style="list-style-type: none"> • Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage Power Manager • Fingerprint Software (fingerprint models) • ThinkVantage Toolbox • Skype™ for Windows • Microsoft Research AutoCollage Touch • Roxio® Creator® Business Edition (DVD±RW) • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW) 	
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, HDMI port supporting HDCP to output protected content <i>Max external resolution: 2048x1536@75Hz (VGA DB-15 port); 1920x1080 (HDMI port)</i>														
Keyboard TrackPoint®	6-row, ThinkVantage button, spill-resistant, multimedia Fn keys, Windows and App keys														
Touch pad	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass														
Lighting FX	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label, multi-touch illuminated power button														
Dimensions ³	4/6-cell 15.6W" (WxDxH): 14.9" x 9.72" x 1.26–1.42"; 380 x 247mm x 32–36mm														
Weight ²	4-cell: starting at 5.17 lb (2.35kg); 6-cell: starting at 5.64 lb (2.56kg)														
Case color	ThinkPad Matte Black														
Case material	Scratch-resistant ABS plastic														
Battery - type ³⁷	Lithium Ion 6-cell														
Battery - life ¹⁰	6-cell: up to 4.0 hr; 9-cell: up to 6 hr														
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC), LPC bus (IT8752)														
ExpressCard	One slot (ExpressCard/34)														
Multicard reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)														
PC Card	None														
Smart Card read	None														
Ports	Three USB 2.0, one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)														
Mini PCI Express	One or two Mini PCI Express slots														
Intel 1000 ²⁸	Some: 11b/g/n wireless ⁴ , Mini PCIe adapter, Intel Centrino® Wireless-N 1000, 1x2														
Intel 5100 ²⁸	Some: 11a/b/g/n wireless, Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)														
AT&T ²³	Some: Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T®														
Modem	None														
Bluetooth™	Some: Bluetooth 2.1 wireless, LED indicator														
Ethernet	Realtek® RTL8111DL Gigabit Network Connection, PHY, PCIe x1														
Intel AMT	None														
Audio support	High Definition (HD) Audio, ALC269Q codec / stereo speakers, 1.5 watt / speaker volume up, down and mute buttons / mono microphone, mic mute button, mic input jack, headphone jack														
Security chip	Power-on password, hard disk password, supervisor password, security keyhole														
Fingerprint reader	Some: Fingerprint reader on palm rest, swipe sensor														
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available														

See footnotes for important warranty information
US models announced October 22 or December 15, 2009
US models withdrawn effective February or October 2010

* Intel Centrino® processor technology

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Type-model	proc-essor	GHz	Memory	Wide-screen display	CCFL or LED	Screen type	Cam-era	Inte-grated graphics	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Finger print reader	Bat-tery reader	Blue-tooth cells	Preload	Avail date
2847-2KU	T5870	2.00	2GB	15.6"	HD LED			GMA	160G 5400	DVD±RW *	Intel 5100 ²⁸				6	Pro 32	Oct 09
2847-2LU	T5870	2.00	4GB	15.6"	HD LED			2.0M	GMA 250G 5400	DVD±RW *	Intel 5100	Blue	6	Home P	Oct 09		
2847-2QU	P8700	2.53	4GB	15.6"	HD LED			2.0M	GMA 320G 5400	DVD±RW	Intel 5100	Blue	Fing	6	Pro 64	Oct 09	
2847-6GU	T6670	2.20	2GB	15.6"	HD LED			2.0M	GMA 250G 5400	DVD±RW *	WiMAX			6	Pro 32	Nov 09	
2847-6HU	T6670	2.20	3GB	15.6"	HD LED			2.0M	GMA 250G 5400	DVD±RW *	Intel 5100	Verizon ¹⁶		6	Pro 32	Nov 09	
2847-9VU	T6570	2.10	4GB	15.6"	HD LED	Glossy		2.0M	GMA 320G 7200	DVD±RW *	Intel 1000 ²⁸	Blue	6	Home P	Jan 10		
2847-9YU	T6670	2.20	4GB	15.6"	HD LED			2.0M	GMA 320G 7200	DVD±RW *	Intel 1000	Blue	Fing	6	Pro 64	Jan 10	
2847-9UU	T6570	2.10	2GB	15.6"	HD LED			2.0M	GMA 250G 5400	DVD±RW *	Intel 1000			6	Pro 32	Jan 10	
2847-9XU	T6570	2.10	3GB	15.6"	HD LED			2.0M	GMA 320G 7200	DVD±RW *	Intel 1000			6	Pro 32	Jan 10	
2847-9ZU	T6670	2.20	3GB	15.6"	HD LED	Glossy		2.0M	GMA 320G 7200	DVD±RW *	Intel 1000	AT&T ²³		6	Pro 32	Jan 10	
2847-AZU	T6570	2.10	2GB	15.6"	HD LED	Glossy		2.0M	GMA 250G 5400	DVD±RW *	Intel 1000			6	Home P	Apr 10	
2847-CZU	T6670	2.20	2GB	15.6"	HD LED			0.3M	GMA 250G 5400	DVD±RW *	Intel 1000			6	Pro 64	Sep 10	
2847-D2U	T6670	2.20	3GB	15.6"	HD LED			0.3M	GMA 500G 7200	DVD±RW *	Intel 1000			6	Pro 64	Sep 10	

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Processor	Intel® Core™ 2 Duo processor T5870, T6570, or T6670 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P8700 with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache													Preloaded operating system ²⁰	
Memory	2GB, 3GB, or 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; <i>Non-italics:</i> standard memory in one socket; one socket available													- Some: Genuine Windows® 7 Home Premium 64	
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in													- Some: Genuine Windows 7 Professional 32	
SATA disk	160GB⁸ (5400 rpm), 250GB (5400 rpm), 320GB (5400 or 7200 rpm), or 500GB (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™													- Some: Genuine Windows 7 Professional 64	
Widescreen display	<i>Some:</i> 15.6" (395mm) HD (1366x768) color, anti-glare, LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> 15.6" (395mm) HD (1366x768) color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio													Preloaded applications ¹⁴ (only some listed)	
Camera	<i>Some:</i> camera on top of screen, 0.3-megapixel or 2.0-megapixel, fixed focus													• Rescue and Recovery™	
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, HDMI port supporting HDCP to output protected content <i>Max external resolution:</i> 2048x1536@75Hz (VGA DB-15 port); 1920x1080 (HDMI port)													• Access Connections™	
Keyboard	6-row, ThinkVantage button, spill-resistant, multimedia Fn keys, Windows and App keys													• Password Manager	
TrackPoint® Touch pad	TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass													• ThinkVantage Power Manager	
Lighting FX	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label, multi-touch Illuminated power button													• ThinkVantage System Update	
Dimensions ³	4/6-cell 15.6W" (WxDxH): 14.9" x 9.72" x 1.26–1.42"; 380 x 247mm x 32–36mm													• Fingerprint Software (fingerprint models)	
Weight ²	4-cell: starting at 5.17 lb (2.35kg); 6-cell: starting at 5.64 lb (2.56kg)													• ThinkVantage Toolbox	
Case	Color: ThinkPad Matte Black; Material: Scratch-resistant ABS plastic													• Adobe® Reader®	
Battery - type ³⁷	Lithium Ion 6-cell													• Adobe Flash® Player	
Battery - life ¹⁰	6-cell: up to 4.0 hr; 9-cell: up to 6 hr													• Skype™ for Windows	
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC), LPC bus (IT8752)													• Microsoft Office 2010 preloaded; purchase product key to activate	
ExpressCard	One slot (ExpressCard/34)													• Microsoft Research AutoCollage Touch	
Multicard reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)													• Roxio® Creator® Business Edition (DVD±RW)	
PC Card	None													• Roxio MyDVD® (DVD±RW)	
Smart Card read	None													• Corel® WinDVD® (DVD±RW)	
Ports	Three USB 2.0, one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)													Supports ThinkVantage® technologies	
Mini PCI Express	One or two Mini PCI Express slots													65-watt (GMA graphics) AC adapter	
Intel 1000 ²⁸	<i>Some:</i> 11b/g/n wireless ⁴ , Mini PCIe adapter, Intel Centrino® Wireless-N 1000, 1x2													EPEAT™ Gold rating	
Intel 5100 ²⁸	<i>Some:</i> 11ab/g/n wireless, Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)													ENERGY STAR® 5.0-compliant	
WiMAX	<i>Some:</i> 11a/b/g/n and WiMAX wireless, Mini PCIe adap, Intel WiMAX/WiFi Link 5150, 1x2 (300Mbps) WiFi + 1x2 WiMAX (Echo Peak)													RoHS-compliant	
Verizon ¹⁶	<i>Some:</i> Wireless WAN, Qualcomm Gobi 1000 chipset, Mini PCIe adaptr, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS, service contract required with Verizon [®]													International Warranty Service ¹⁷	
AT&T ²³	<i>Some:</i> Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T [®]													24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²	
Modem	None													via 800-426-7378	
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless, LED indicator													ThinkPlus™, 22 1-year LOR ²⁴ 9x5 NBD	
Ethernet	Realtek® RTL8111DL Gigabit Network Connection, PHY, PCIe x1													45K5968	
Intel AMT	None													ThinkPlus 2-year LOR 9x5 NBD	
Audio support	High Definition (HD) Audio, ALC269Q codec / stereo speakers, 1.5 watt / speaker volume up, down and mute buttons / mono microphone, mic mute button, mic input jack, headphone jack													45K5969	
Security	Power-on password, hard disk password, supervisor password, security keyhole													ThinkPlus 3-year LOR 9x5 NBD	
Security chip	None													45K5970	
Fingerprint reader	<i>Some:</i> Fingerprint reader on palm rest, swipe sensor													ThinkPlus 4-year LOR 9x5 NBD	
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available													45K5973	

See footnotes for important warranty information

US models announced

October 22, November 17, or December 15, 2009, April 6 or September 28, 2010

US models withdrawn effective February or December 2010 or January or October 2011

* Intel Centrino® processor technology

† Intel Centrino 2 processor technology

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(TOP1-3) October 2010

Type-model	proc- essor	GHz	Memory	Wide- screen display	CCFL or LED	Cam- era	Inte- grated graphics	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Blue- tooth	Finger print reader	Bat- tery cells	Preload	Avail date
2847-DJU	T6670	2.20	4GB	15.6" HD	LED	0.3M	GMA	500G 7200	DVD±RW	* 11n ²⁸	None	None	None	6	Home P	Jan 11
2847-DKU	T6670	2.20	2GB	15.6" HD	LED	0.3M	GMA	250G 5400	DVD±RW	* Intel 1000 ²⁸	None	None	None	6	Home P	Jan 11

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Processor	Intel® Core™ 2 Duo processor T6670 with dual-core, 800MHz system bus, and 2MB L2 cache											Preloaded operating system²⁰			
Memory	2GB or 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; <i>Non-italics:</i> standard memory in one socket; one socket available											Preloaded applications¹⁴ (only some listed)			
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 250GB⁸ (5400 rpm) or 500GB (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™											<ul style="list-style-type: none"> • Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage Power Manager • ThinkVantage System Update • ThinkVantage Toolbox • Adobe® Reader® • Adobe Flash® Player • Skype™ for Windows • Microsoft Office 2010 preloaded; purchase product key to activate • Roxio® Creator® Business Edition (DVD±RW) • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW) 			
Widescreen display Camera	15.6" (395mm) HD (1366x768) color, LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus											Supports ThinkVantage® technologies			
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, HDMI port supporting HDCP to output protected content <i>Max external resolution:</i> 2048x1536@75Hz (VGA DB-15 port); 1920x1080 (HDMI port)														
Keyboard TrackPoint® Touch pad	6-row, ThinkVantage button, spill-resistant, multimedia Fn keys, Windows and App keys TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label, multi-touch														
Lighting FX	Illuminated power button														
Dimensions ³ Weight ² Case	4/6-cell 15.6W" (WxDxH): 14.9" x 9.72" x 1.26–1.42"; 380 x 247mm x 32–36mm 4-cell: starting at 5.17 lb (2.35kg); 6-cell: starting at 5.64 lb (2.56kg) Color: ThinkPad Matte Black; Material: Scratch-resistant ABS plastic														
Battery - type ³⁷ Battery - life ¹⁰	Lithium Ion 6-cell 6-cell: up to 4.0 hr; 9-cell: up to 6 hr														
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC), LPC bus (IT8752)														
ExpressCard	One slot (ExpressCard/34)														
Multicard reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)														
PC Card	None														
Smart Card read	None														
Ports	Three USB 2.0, one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)														
Mini PCI Express 11n ²⁸	One Mini PCI Express slot <i>Some:</i> 11b/g/n wireless ⁴ , Mini-PCIe Adapter II <i>Some:</i> 11b/g/n wireless, Mini PCIe adapter, Intel Centrino® Wireless-N 1000, 1x2														
Intel 1000 ²⁸ WWAN upg	None														
Modem	None														
Bluetooth™	None														
Ethernet	Realtek® RTL8111DL Gigabit Network Connection, PHY, PCIe x1														
Intel AMT	None														
Audio support	High Definition (HD) Audio, ALC269Q codec / stereo speakers, 1.5 watt / speaker volume up, down and mute buttons / mono microphone, mic mute button, mic input jack, headphone jack														
Security chip	Power-on password, hard disk password, supervisor password, security keyhole														
Fingerprint reader	None														
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available														

See footnotes for important warranty information
 US models announced January 11, 2011
 US models withdrawn effective October, 2011

* Intel Centrino® processor technology
 ‡ Intel Centrino 2 processor technology

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Type-model	Celeron processor	GHz	Memory	Wide-screen display	CCFL or LED	Screen type	Camera	Integrated graphics	Disk SATA GB ⁸ / rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Bat-Blue/ Fing cells	Fing cells Preload	Avail date	
2875-32U	Cel T3000	1.80	1GB	15.6" HD	LED	Glossy	2.0M	GMA	160G 5400	DVD±RW	11n ²⁸	None	None	6	Home P	Oct 09
2875-4YU	Cel T3100	1.90	2GB	15.6" HD	LED	Glossy	2.0M	GMA	250G 5400	DVD±RW	Intel 1000 ²⁸	None	None	6	Home P	Jan 10

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- A comprehensive computing solution for small and medium business
- Balanced between serious business computing and powerful multimedia features
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Processor	Intel® Celeron® Processor T3000 or T3100 with dual-core, 800MHz system bus, and 1MB L2 cache												Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64		
Memory	1GB or 2GB std / 4GB max⁷ / PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; Non-italics: standard memory in one socket; one socket available												Preloaded applications¹⁴ (only some listed)		
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 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™												<ul style="list-style-type: none"> • Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage Power Manager • ThinkVantage System Update • ThinkVantage Toolbox • Adobe® Reader® • Adobe Flash® Player • Skype™ for Windows • Microsoft Office 2010 preloaded; purchase product key to activate • Microsoft Research AutoCollage Touch • Roxio® Creator® Business Edition (DVD±RW) • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW) 		
Widescreen display Camera	15.6" (395mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: camera on top of screen, 2.0-megapixel, fixed focus												Supports ThinkVantage® technologies		
Integrated graphics	Intel Graphics Media Accelerator 4500M (GMA 4500M), in GL40, HDMI port supporting HDCP to output protected content <i>Max external resolution: 2048x1536@75Hz (VGA DB-15 port); 1920x1080 (HDMI port)</i>												65-watt (GMA graphics) AC adapter RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378		
Keyboard TrackPoint® Touch pad	6-row, ThinkVantage button, spill-resistant, multimedia Fn keys, Windows and App keys TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label, multi-touch												ThinkPlus™, 22 1-year LOR²⁴ 9x5 NBD 45K5968		
Dimensions ³ Weight ²	4/6-cell 15.6W" (WxDxH): 14.9" x 9.72" x 1.26–1.42"; 380 x 247mm x 32–36mm 4-cell: starting at 5.17 lb (2.35kg); 6-cell: starting at 5.64 lb (2.56kg)												ThinkPlus 2-year LOR 9x5 NBD 45K5969		
Case color	ThinkPad Matte Black												ThinkPlus 3-year LOR 9x5 NBD 45K5970		
Case material	Scratch-resistant ABS plastic												ThinkPlus 4-year LOR 9x5 NBD 45K5973		
Battery - type ³⁷	Lithium Ion 6-cell												ThinkPlus 5-year LOR 9x5 NBD 45K5975		
Battery - life ¹⁰	6-cell: up to 4.0 hr; 9-cell: up to 6 hr												ThinkPlus 2-year P&L P/U Depot 45K5971		
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, ethernet MAC), LPC bus (IT8752)												ThinkPlus 3-year P&L P/U Depot 45K5972		
ExpressCard	One slot (ExpressCard/34)												ThinkPlus 4-year P&L P/U Depot 45K5974		
Multicard reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)												ThinkPlus 5-year P&L P/U Depot 45K5976		
PC Card	None												Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty		
Smart Card read	None														
Ports	Three USB 2.0, one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)														
Mini PCI Express	One Mini PCI Express slot Some: 11b/g/n wireless ⁴ , Mini-PCIe Adapter II Some: 11b/g/n wireless, Mini PCIe adapter, Intel Centrino® Wireless-N 1000, 1x2														
11n ²⁸	None														
Intel 1000 ²⁸	None														
WWAN upg	None														
Modem	None														
Bluetooth™	None														
Ethernet	Realtek® RTL8103EL 10/100 Network Connection, PHY, PCIe x1														
Intel AMT	None														
Audio support	High Definition (HD) Audio, ALC269Q codec / stereo speakers, 1.5 watt / speaker volume up, down and mute buttons / mono microphone, mic mute button, mic input jack, headphone jack														
Security	Power-on password, hard disk password, supervisor password, security keyhole														
Security chip	None														
Fingerprint reader	None														
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available														

See footnotes for important warranty information
US models announced October 22 or December 15, 2009
US models withdrawn effective December 2010

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Memory	Batteries³⁷
2GB PC3-10600 DDR3 L-H SODIMM	55Y3710 ann 03/02/10
2GB PC3-10600 DDR3 L-H SODIMM (25Pack)	57Y4416 ann 03/02/10
4GB PC3-10600 DDR3 L-H SODIMM	55Y3711 ann 03/02/10
Storage and removable storage	Batteries³⁷
SL410/510 500GB Disk SATA 3G/s (5400 rpm)	43N3422 ann 10/22/09
USB 2.0 Portable 320GB Hard Disk	45K1689 ann 03/17/09
USB 2.0 Portable 500GB Hard Disk	45K1690 ann 05/26/09
USB 2.0 Portable Secure 320GB Hard Disk	43R2019 ann 11/18/08
eSATA/USB 2.0 Secure 500GB Hard Drive	57Y4400 ann 01/07/10
Lenovo Slim USB Portable DVD Burner	0A33988 ann 06/14/11
ThinkPad Expansion	44 Requires the ThinkPad 90W AC Adapter
Lenovo® Essential Notebook Stand	45J9292 ann 05/12/09
USB 2.0 Port Replicator with Digital Video	0A33942 ann 03/22/11
Keyboard	40Y7659 or the adapter provided with the system.
TrackPoint Cap Collection	73P2698 ann 12/16/03
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
Lenovo Mini Wireless Keyboard N5901 ⁵² (blk)	57Y6336
⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.	
ThinkPad USB Keyboard with TrackPoint	55Y9003 ann 08/18/09
Preferred Pro USB Fingerprint Keyboard	73P4730 ann 02/22/05
Lenovo USB Smartcard Keyboard	51J0155 ann 03/24/09
Mouse	More information at www.lenovo.com/alldaycomputing
Lenovo Optical Mouse (USB)	06P4069 ann 05/21/03
Lenovo Laser Mouse (USB)	41U3074 ann 01/23/07
ThinkPad USB Laser Mouse	57Y4635 ann 12/15/09
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405 ann 08/27/02
ThinkPad Travel Mouse (USB, Optical)	31P7410 ann 06/04/02
ThinkPad Bluetooth Laser Mouse	41U5008 ann 01/22/08
Lenovo Optical Mouse A6010 (black)	57Y6255
Lenovo Mini Optical Mouse M20B	55Y2091
Lenovo Wireless Mouse N30B (black)	55Y9360
Security	More information at www.lenovopowertips.com
Kensington® MicroSaver® Cable Lock	73P2582 ann 12/29/03
Kensington Twin Head Cable Lock	45K1620 ann 09/30/08
Lenovo Security Cable Lock	57Y4303 ann 08/24/10
USB Gemplus GemPC Smart Card Reader	41N3040 ann 02/21/06
Multimedia	Carrying Cases
ThinkPad In-Ear Headphones with mic	57Y4488 ann 01/07/10
Lenovo Mini Speakers M220	55Y2033 ann 01/07/10
Lenovo Headphone P550	55Y2065
Modem	Up to 15.6" widescreen models:
USB 2.0 Lenovo Modem	43R1814 ann 02/26/08
	ThinkPad 15W Case Sleeve
	51J0477 ann 08/18/09
	Lenovo Messenger Max
	41U5253 ann 05/01/07
	Lenovo Performance BackPack
	41U5254 ann 05/01/07
	ThinkPad Business Backpack
	43R2482 ann 05/13/08
	More information at www.lenovo.com/support/cases
	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 L2321x Wide 23" Monitor
	4014HB6 ann 06/10/10
	ThinkVision L2440p Wide 24" Monitor
	4420HB2 ann 09/17/08
	More information at www.lenovo.com/support/monitors
	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 Security Cable Lock
	57Y4303 ann 08/24/10
	Lenovo Easy Reach Monitor Stand
	55Y9258 ann 09/22/09
	⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.
	More information at www.lenovo.com/support/monitoraccessories
	For more information on accessories: www.lenovo.com/accessories
	Purchase Lenovo accessories www.lenovo.com/support/accessories
	Product specifications on Lenovo Support www.lenovo.com/accessoriesguide
	Option Compatibility Matrix (OCM) and accessory brochures www.lenovoquickpick.com
	An Options Compatibility Configurator for Lenovo systems

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.

⁶ **Public network download modem speeds** are limited to 53Kbps. Upload speeds are limited to 48Kbps for V92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.

⁷ **Maximum memory capacity** may require the replacement of standard component with largest supported component available. On ThinkPad systems, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems Windows XP Professional 64-bit and Windows Vista 64-bit Editions.

⁸ **Hard drive:** GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.

¹⁰ **Battery:** These model numbers achieved the battery life based on MobileMark® 2007 during testing. Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.

¹² **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.

¹³ **Internet access not included.**

¹⁴ **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

¹⁶ **Activating Verizon Wireless Service:** Lenovo customers will be contacted after purchase to activate service; requires separate agreement with Verizon Wireless and is subject to the Customer Agreement, Calling Plan, and credit approval. Service, airtime, and early termination charges may apply. Verizon Wireless, not Lenovo, is solely responsible for service. Service not available in all areas; purchaser is responsible for verifying that service is available for the intended location before purchasing a computer equipped with WAN card. Network details, coverage limitations, and maps at www.verizonwireless.com.

¹⁷ **International Warranty Service** is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.

¹⁸ **Telephone support** may be subject to additional charges, even during the limited warranty period. Response times may vary. May exclude some holidays. If a machine is listed as having "On-site service for select repairs", this means that onsite service is available only for the replacement of select parts. For all other warranty repairs, Lenovo will provide the customer a replacement part for customer installation. The parts for which onsite service is available varies by machine, but may include the processor, power supply, heat sink, system board, or base cover. For ThinkPad notebooks with EasyServ or Courier service, Lenovo will attempt to diagnose and resolve the problem remotely before sending a courier.

¹⁹ **EasyServ depot repair service:** In the United States call 1-800-426-7378. The customer may be asked certain diagnostic questions before a courier is sent. Your ThinkPad purchase includes this depot repair service, available in the U.S. during the limited warranty period.

²⁰ **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to lenovo.com/pc/support and enter your machine type and model number for more information.

²² **ThinkPlus Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part will be express shipped to you for quick replacement. Onsite 24x7x2-hour service is not available in all locations. For ThinkPad notebooks requiring LCD or other component replacement, Lenovo may choose to perform service at the depot repair center. Calls must be received by 5 pm local time in order to qualify for Next Business Day service. P&L means parts and labor. P/U means pick-up. See ThinkPlus terms and conditions for complete details and restrictions.

²³ **Activating AT&T Wireless Service:** Requires separate agreement with AT&T, subject to service agreement, rate plan and coverage maps. AT&T, not Lenovo, is solely responsible for service. Coverage not available in all areas; AT&T BroadbandConnect available in select metropolitan markets. Special credit and tenure restrictions and additional charges may apply to international roaming. A network connection, third-party software, additional hardware, and/or subscription to a third-party service may be required for certain solutions/applications. Additional restrictions apply, including early termination fee; see www.wireless.att.com for details. To activate call Lenovo Wireless Activation Hot Line at 1-877-299-4710.

²⁴ **Limited onsite service systems** are designed to be repaired during the applicable warranty period primarily with customer-replaceable parts provided by Lenovo. Lenovo will only send a technician onsite to perform a repair if (a) remote telephone diagnosis and/or customer part replacement are unable to resolve the problem, or (b) the part is one of the few designated by Lenovo for onsite replacement. For a list of onsite replaceable parts, contact Lenovo. In the United States call 1-800-426-7378. Support unrelated to a warranty issue may be subject to additional charges. Lenovo onsite repair (LOR), 8 am to 5 pm, Monday through Friday coverage excluding holidays, next business day (NBD) response time.

²⁷ **Based on IEEE 802.11a and 802.11b.** A customer can not upgrade to a different wireless Mini PCI adapter due to FCC regulations. Security screws prevent removal of this adapter. This wireless LAN product has been designed to permit legal operation world-wide in regions which it is approved. This product has been tested and certified to be interoperable by the Wireless Ethernet Compatibility Alliance and is authorized to carry the Wi-Fi logo.

²⁸ **The IEEE 802.11n specification (MIMO)** has not been finalized and is currently in draft release. The ThinkPad 11a/b/g/n (11n) Wireless LAN Mini PCI Express Adapters are based on the Draft Release, Version 1.02, of the IEEE 802.11n specification. The Intel Mini PCI Express Adapters are based on the Draft Release, Version 2.0 of the IEEE 802.11n specification. 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, or 11a/b/g/n can communicate on any of its supported formats.

³⁰ **Measures only maximum** data transfer rate, not application performance. Many factors affect application performance.

³² **Wireless:** Based on IEEE 802.11a, 802.11b, and 802.11g respectively. An adapter with 11a/b, 11b/g, or 11a/b/g can communicate on either/any of these listed formats respectively, the actual connection will be based on the access point to which it connects.

³⁵ **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/think/support and enter your machine type and model number for more information.

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