



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2008 to present - withdrawn*

February 2011 - Version 392



Lenovo ThinkPad SL500

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"

ThinkPad® Edge 13" 0196 (Intel) - TS (XP with Win 7 License) - withdrawn Personal Systems Reference (PSREF)

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</i> Intel® Core™ 2 Duo processor SU7300 with ultra low voltage, dual-core , 800MHz system bus, and 3MB L2 cache		Preloaded operating system ²⁰ - Windows® XP Professional preinstalled through downgrade rights in Genuine Windows 7 Professional 32 Preloaded applications ¹⁴ (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
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		
Optical drive SATA disk	None (use optional USB Portable DVD Burner 43N3264) 320GB ⁸ (7200 rpm) / SATA 1.5Gb/s or 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	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	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	<i>13.3W"</i> (WxDxH): 12.7" x 9.0" x 1.0"; 322 x 228mm x 25.4mm (excluding battery bump)		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
Weight ²	<i>4-cell:</i> starting at 3.59 lb (1.63kg); <i>6-cell:</i> starting at 3.81 lb (1.73kg)		
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	<i>4-cell:</i> up to 5.3 hr; <i>6-cell:</i> up to 8.0 hr		
Chipset	Mobile Intel GS45 Express Chipset (Graphics Memory Controller Hub); ICH9M I/O Controller Hub		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
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	11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2		
WWAN upg	None		
Modem	None		
Bluetooth™	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
 US model announced July 6, 2010
 US model withdrawn effective October 2010

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 (PAR1-3) October 2010

ThinkPad® Edge 13" 0196 (Intel) - TopSeller (Windows 7) - withdrawn

Personal Systems Reference (PSREF)

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
0196-24U	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	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		Preloaded operating system ²⁰ - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 32 Preloaded applications ¹⁴ (only some listed) • 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
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		
Optical drive SATA disk	None (use optional USB Portable DVD Burner 43N3264) 250GB ⁸ (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™		
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:</i> 2048x1536 @ 75Hz		
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 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		
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) <i>4-cell:</i> starting at 3.59 lb (1.63kg); <i>6-cell:</i> starting at 3.81 lb (1.73kg) 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 6-cell <i>4-cell:</i> up to 5.3 hr; <i>6-cell:</i> up to 8.0 hr		
Chipset	Mobile Intel GS45 Express Chipset (Graphics Memory Controller Hub); ICH9M I/O Controller Hub		
ExpressCard Smart Card Read Multicard Reader Ports	None None 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™. 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 Intel 1000 WiMAX	Two PCI Express Mini Card slots <i>Some:</i> 11b/g/n wireless ⁴ , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 <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 Modem Bluetooth™ Ethernet Intel AMT Audio support	None None <i>Some:</i> Bluetooth 2.1 wireless Realtek® RTL8111DL Gigabit Network Connection None High Definition (HD) Audio, Conexant® CX20582 codec / stereo speakers, 1 watt x 2/ mono microphone, combo audio/mic 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 January 5 or April 6, 2010
 US models withdrawn effective February 2011

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 (PAR1-1) February 2011

ThinkPad® Edge 13" 0197 (AMD) - TS (XP with Win 7 License) - withdrawn Personal Systems Reference (PSREF)

Type-model	Proc- essor	GHz	Memory	Wide- screen display	Cam- era	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</i> AMD® Athlon™ Neo X2 Dual-Core processor L325 with dual-core , virtualization technology, integrated DDR2 memory controller, and 1MB L2 cache	Preloaded operating system ²⁰ - Windows® XP Professional preinstalled through downgrade rights in Genuine Windows 7 Professional 32 Preloaded applications ¹⁴ (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
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	
Optical drive SATA disk	None (use optional USB Portable DVD Burner 43N3264) 250GB ⁸ (5400 rpm) / SATA 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	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 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	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)	ThinkPlus™, ²² 1-year LOR ²⁴ 9x5 NBD 45K5968
Ports	Three USB 2.0 (one powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	ThinkPlus 2-year LOR 9x5 NBD 45K5969
PCIe Mini Card	Two PCI Express Mini Card slots	ThinkPlus 3-year LOR 9x5 NBD 45K5970
11b/g/n	11b/g/n wireless ⁴ , ThinkPad 11b/g/n, PCIe Half Mini Card, Realtek® RTL8191SE	ThinkPlus 4-year LOR 9x5 NBD 45K5973
WWAN upg	None	ThinkPlus 2-year P&L P/U Depot 45K5971
Modem	None	ThinkPlus 3-year P&L P/U Depot 45K5972
Bluetooth™	None	ThinkPlus 4-year P&L P/U Depot 45K5974
Ethernet	Realtek RTL8111DL Gigabit Network Connection	Post-warranty annual maintenance agreements at
Audio support	High Definition (HD) Audio, Conexant® CX20582 codec / stereo speakers, 1 watt x 2 / mono microphone, combo audio/mic jack	lenovo.com/thinkplus/warranty
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 model announced July 6, 2010

US model withdrawn effective October 2010

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(PAR1-4) October 2010

ThinkPad® Edge 13" 0197 (AMD) - TopSeller (Windows 7) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Proc- essor	GHz	Memory	Wide- screen display	Cam- era	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	3GB	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	3GB	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	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										Preloaded operating system²⁰ - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 32			
Memory	2GB or 3GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available										Preloaded applications¹⁴ (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			
Optical drive SATA disk	None (use optional USB Portable DVD Burner 43N3264) 250GB⁸ (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) or glossy black (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	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	Two PCI Express Mini Card slots													
11b/g/n	11b/g/n wireless ⁴ , ThinkPad 11b/g/n, PCIe Half Mini Card, Realtek® RTL8191SE													
WWAN upg	None													
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	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										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			

See footnotes for important warranty information
US models announced January 5, 2010
US models withdrawn effective February 2011

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Memory

0196 with Intel processors:

1GB PC3-8500 DDR3 Low-Halogen SODIMM	55Y3706	ann	06/23/09
1GB PC3-8500 DDR3 L-H SODIMM (25-Pack)	57Y4385	ann	06/23/09
2GB PC3-8500 DDR3 Low-Halogen SODIMM	55Y3707	ann	06/23/09
2GB PC3-8500 DDR3 L-H SODIMM (25-Pack)	57Y4386	ann	06/23/09
1GB PC3-10600 DDR3 L-H SODIMM	55Y3709	ann	03/02/10
1GB PC3-10600 DDR3 L-H SODIMM (25Pack)	55Y4415	ann	03/02/10
2GB PC3-10600 DDR3 L-H SODIMM	55Y3710	ann	03/02/10
2GB PC3-10600 DDR3 L-H SODIMM (25Pack)	55Y4416	ann	03/02/10

0197 with AMD processors:

1GB PC2-5300 DDR2 SODIMM	40Y7734	ann	01/05/06
1GB PC2-5300 DDR2 SODIMM (25-Pack)	51J0502	ann	03/17/09
2GB PC2-5300 DDR2 SODIMM	40Y7735	ann	11/28/06
2GB PC2-5300 DDR2 SODIMM (25-Pack)	51J0548	ann	03/17/09

Storage and removable storage

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 ⁵³	57Y4400	ann	01/07/10
USB 2.0 Portable DVD Burner	43N3264	ann	01/05/10

⁵³ USB-only attach.**ThinkPad Expansion**

Lenovo® Essential Notebook Stand	45J9292	ann	05/12/09
USB Port Replicator with Digital Video	45K1610	ann	07/28/09

Keyboard

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		
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
Lenovo USB Fingerprint Keyboard	73P4730	ann	02/22/05
Lenovo USB Smartcard Keyboard	51J0155	ann	03/24/09

Mouse

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 Wireless Laser Mouse - Black ⁵²	45K1696	ann	11/25/08
Lenovo Wireless Laser Mouse - Red/Black ⁵²	51J0198	ann	11/25/08
Lenovo Optical Mouse A6010 (black)	57Y6255		
Lenovo Mini Optical Mouse M20B	55Y2091		
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
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Batteries³⁷

ThinkPad Battery 73 (4-cell)	57Y4564	ann	01/05/10
ThinkPad Battery 73+ (6-cell)	57Y4565	ann	01/05/10
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.

More information at www.lenovo.com/alldaycomputing

ThinkPad 65W AC Adapter ⁴⁵	40Y7696	ann	01/05/06
⁴⁵ Only compatible with the integrated graphics models.			
ThinkPad 90W AC Adapter	40Y7659	ann	09/20/05
Lenovo Power Hub	57Y4600	ann	09/07/10
90W Ultralim AC/DC Combo Adapter	41R4493	ann	09/22/09

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

Charging tips for 90W Ultralim 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**Carrying Cases**

ThinkPad 15W Case Sleeve	51J0477	ann	08/18/09
Lenovo Business Messenger Case	51J0475	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

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

Lenovo L2230x Wide 21.5" Monitor	5453HB1	ann	06/10/10
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

Lenovo USB-to-DVI Monitor Adapter	45K5296	ann	05/12/09
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 ThinkPad accessories, please visit:

www.lenovo.com/support/accessories
www.lenovo.com/support/notebookaccessories
www.lenovo.com/support/security

Other accessories at www.lenovo.com/accessoriesAccessories Guide pdf at www.lenovo.com/accessoriesguide

ThinkPad® Edge 14" 0578 (Intel) - TS (XP with Win 7 COA) - withdrawn

Personal Systems Reference (PSREF)

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</i> 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									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) • 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 <i>4-cell:</i> from 4.72 lb (2.14kg); <i>6-cell:</i> from 4.9 lb (2.22kg); <i>9-cell:</i> 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 <i>4-cell:</i> up to 2.9 hr; <i>6-cell:</i> 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 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 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 <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													
Security Security chip Fingerprint reader	None 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 July 6, 2010
US models withdrawn effective October 2010

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(BER1-4) October 2010

ThinkPad® Edge 14" 0199 (AMD) - TopSeller (Windows 7) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Proc- essor	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
0199-22U	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 system ²⁰ - <i>Some:</i> Genuine Windows® 7 Home Premium 64 - <i>Some:</i> Genuine Windows 7 Professional 64 Preloaded applications ¹⁴ (only some listed) • 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	
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		Supports ThinkVantage® technologies 65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free support during the warranty period¹² via 800-426-7378 ThinkPlus™, ²² 1-year LOR²⁴ 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	
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 250GB ⁸ (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 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 <i>4-cell:</i> from 4.78 lb (2.17kg); <i>6-cell:</i> from 4.96 lb (2.25kg); <i>9-cell:</i> 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			
Case material Battery - type ³⁷ Battery - life ¹⁰	Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 4-cell or 6-cell <i>4-cell:</i> up to 2.6 hr; <i>6-cell:</i> up to 4 hr; <i>9-cell:</i> 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)			
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	Power-on password, hard disk password, supervisor password, security keyhole None			
Fingerprint reader	<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

ThinkPad® Edge 15" 0301 (Intel) - TS (XP with Win 7 License) - withdrawn Personal Systems Reference (PSREF)

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	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		Preloaded operating system ²⁰ - Windows® XP Professional preinstalled through downgrade rights in Genuine Windows 7 Professional 32 Preloaded applications ¹⁴ (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
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		
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 250GB ⁸ (5400 rpm) or 320GB (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, 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		
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	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		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 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 <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		
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 July 6, 2010
 US models withdrawn effective October 2010

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 (LDN1-4) October 2010

ThinkPad® Edge 15" 0302 (AMD) - TopSeller (Windows 7) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Wide-screen display	Screen type	Camera	Disk SATA GB ³ rpm	PCIe Mini Card 802.11	Top color	Finger print reader	Blue-tooth	Battery 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 Preloaded applications¹⁴ (only some listed) • 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			
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													
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> 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													
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 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 <i>4-cell:</i> from 5.40 lb (2.45kg); <i>6-cell:</i> from 5.58 lb (2.53kg); <i>9-cell:</i> 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 <i>4-cell:</i> up to 2.6 hr; <i>6-cell:</i> up to 4 hr; <i>9-cell:</i> 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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(LDN1-3) December 2010

ThinkPad®



Lenovo® ThinkPad SL300



Lenovo ThinkPad SL300



Lenovo ThinkPad SL300



Lenovo ThinkPad SL300



ThinkPad Ultraportable Case
41U5062



ThinkPad Bluetooth Laser Mouse
41U5008

Type-model	Proc- essor	GHz	Memory	Wide- screen display	Screen type	Cam- era	Integrated graphics	Disk SATA GB ^a rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB or Turbo	Bat- tery Blue- tooth cells	Preload	Avail date	
2738-4BU T5670	1.80	2GB	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	2GB	13.3"	WXGA	Glossy		GMA	160G 5400	DVD±RW	* Intel 5100	AT&T	None	Blue	6	Bus 32	Aug 08
2738-4DU T5670	1.80	2GB	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	2GB	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	2GB	13.3"	WXGA	Glossy		GMA	160G 5400	DVD±RW	* Intel 5100	WWAN upg	None	Blue	6	Bus 32	Aug 08
2738-4HU T5670	1.80	2GB	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	2GB	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	2GB	13.3"	WXGA	Glossy		GMA	160G 5400	DVD±RW	÷ Intel 5100	AT&T	None	Blue	4	Bus 32	Aug 08
2738-43U P8600	2.40	2GB	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	2GB	13.3"	WXGA	Glossy		GMA	160G 5400	DVD±RW	÷ Intel 5100	AT&T	None	Blue	6	Bus 32	Aug 08
2738-48U P8600	2.40	2GB	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	2GB	13.3"	WXGA	Glossy		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		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		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
2738-7EU P8400	2.26	2GB	13.3"	WXGA	Glossy		GMA	160G 5400	DVD±RW	÷ Intel 5100	WWAN upg	None	Blue	6	XP Pro	Aug 08
2738-8ZU P7370	2.00	2GB	13.3"	WXGA	Glossy		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 system²⁰ - 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				
Memory	2GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available											Preloaded applications¹⁴ (all OSes) • Lenovo Care™ 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)				
SATA DVD±RW SATA disk	Some: DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB⁸ (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™															
Widescreen display	13.3" (338mm) WXGA (1280x800) color, VibrantView (glossy), LED backlight, 300 nits, 16:10 aspect ratio, 300:1 contrast ratio Some: camera on top of screen, 1.3-megapixel, fixed focus															
Camera																
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)															
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															
Dimensions ³ Weight ²	6-cell (WxDxH): 12.5" x 9.4" x 1.18–1.33"; 318mm x 238mm x 30–34mm 4-cell: starting at 4.57 lb (2.07kg) 6-cell: starting at 4.76 lb (2.16kg)															
Case color Case material Battery - type Battery - life ¹⁰	Black Scratch-resistant ABS plastic, high-gloss top cover Lithium Ion 4-cell or 6-cell 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) One slot (ExpressCard/34, ExpressCard/54) 7-in-1 reader (MMC, Memory Stick, Mem Stick PRO™, SD, SDHC, XD, XD Type H) None None 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)											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/54 Multicard reader PC Card Smart Card read Ports												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				
Mini PCI Express Intel 5100 ²⁸ WWAN upg AT&T ²³ 2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support Security Security chip Fingerprint reader Limited warranty ¹²	Three Mini PCI Express slots 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) Some: Wireless WAN upgradable, optional AT&T® (43R9152) Some: Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T® None None 56K V.92® modem Bluetooth 2.0 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 Fingerprint reader on palm rest, swipe sensor, supports the security chip											Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty				

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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(CAR1-1) September 2009

ThinkPad® SL300 2738 (GMA) - TopSeller (January 2009) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Proc- essor	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	Finger print reader	Bat- tery cells	Preload	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 - <i>Some:</i> Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business - <i>Some:</i> Genuine Windows Vista Home Premium 32 - <i>Some:</i> Genuine Windows Vista Business 32 ✧ <i>2JU model:</i> Vista Premium logo ✧ <i>Other Vista models:</i> Vista Basic logo
Memory	1GB, 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		
SATA DVD±RW SATA disk	<i>Some:</i> DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB ⁸ (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	13.3" (338mm) WXGA (1280x800) color, VibrantView (glossy), LED backlight, 300 nits, 16:10 aspect ratio, 300:1 contrast ratio		
Camera	<i>Some:</i> camera on top of screen, 1.3-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 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	<i>6-cell (WxDxH):</i> 12.5" x 9.4" x 1.18–1.33"; 318mm x 238mm x 30–34mm		
Weight ²	<i>4-cell:</i> starting at 4.57 lb (2.07kg) <i>6-cell:</i> 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	<i>4-cell:</i> up to 3.0 hr; <i>6-cell:</i> 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		

Preloaded applications ¹⁴ (all OSes; only some listed) • 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)
Supports ThinkVantage® technologies
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
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

See footnotes for important warranty information

US models announced Dec 16, 2008,

Jan 6, 2009 or Feb 24, 2009

US models withdrawn effective September 2009 or April 2010

* Intel Centrino® processor technology

✦ Intel Centrino 2 processor technology

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(CAR11-1) April 2010

ThinkPad® SL300 2738 (NVIDIA®) - TopSeller - withdrawn

Personal Systems Reference (PSREF)

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	Bat- tery Blue- tooth 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 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 Premium logo Preloaded applications¹⁴ (all OSes; only some listed) • Lenovo Care™ Tools • Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage System Update • Fingerprint Software • Lenovo System Toolbox • ThinkPad Utilities (Power Manager and Presentation Director) • Roxio® Creator® Business Edition (DVD±RW) • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW, Blu-ray) • Ulead® DVD MovieFactory® (Blu-ray) • Ulead Burn.Now™ and Data-Add (Blu-ray) 90-watt (NVIDIA 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 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
Memory	2GB or 4GB 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		
SATA DVD±RW SATA BD burner SATA BD player SATA disk	<i>Some:</i> DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> Blu-ray™ burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> Blu-ray player, DVD burner, SATA 1.5Gb/s, 12.7mm, 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 Camera	13.3" (338mm) WXGA (1280x800) color, VibrantView (glossy) , LED backlight, 300 nits, 16:10 aspect ratio, 300:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus		
Discrete graphics	NVIDIA® GeForce 9300M , PCI Express® x16, 128MB memory, HDMI port supporting HDCP to output protected content; <i>Max external resolution:</i> 2048x1536@85Hz (VGA DB-15 port); 1920x1080 (HDMI port)		
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	<i>6-cell (WxDxH):</i> 12.5" x 9.4" x 1.18–1.33"; 318mm x 238mm x 30–34mm <i>6-cell:</i> starting at 4.76 lb (2.16kg) Black Scratch-resistant ABS plastic, high-gloss top cover Lithium Ion 6-cell <i>6-cell:</i> up to 4.5 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, ethernet MAC), LPC bus (IT8752 Super I/O)		
ExpressCard/54 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 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 Intel 5100 ²⁸ WWAN upg AT&T ²³ 2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support	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 upgradable, optional AT&T® (43R9152) <i>Some:</i> Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T <i>Some:</i> Intel Turbo Memory, Half-Mini PCIe adapter, 2GB fl ash, disk-cache accelerator None 56K V.92 ⁶ modem 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		
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None 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

1GB PC2-5300 DDR2 SODIMM	40Y7734	ann	01/05/06
1GB PC2-5300 DDR2 SODIMM (25-Pack)	51J0502	ann	03/17/09
2GB PC2-5300 DDR2 SODIMM	40Y7735	ann	11/28/06
2GB PC2-5300 DDR2 SODIMM (25-Pack)	51J0548	ann	03/17/09

Storage and removable storage

SL 320GB Disk SATA 1.5Gb/s (5400 rpm)	43N3405	ann	07/15/08
USB 2.0 Essential Memory Key 4GB	45J7904	ann	06/24/08
USB 2.0 Essential Memory Key 8GB	45J7905	ann	07/15/08
USB 2.0 Essential Memory Key 32GB	45K1258	ann	10/28/08
USB 2.0 Ultra Secure Memory Key 1GB	45J5915	ann	08/26/08
USB 2.0 Ultra Secure Memory Key 2GB	45J5916	ann	08/26/08
USB 2.0 Ultra Secure Memory Key 4GB	45J5917	ann	08/26/08
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	ann	08/26/08
USB 2.0 Portable 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)

Only WWAN upgradable models:

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

Lenovo® Essential Notebook Stand	45J9292	ann	05/12/09
USB Port Replicator with Digital Video	45K1610	ann	07/28/09

Keyboard

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
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
Preferred Pro USB Fingerprint Keyboard	73P4730	ann	02/22/05
Lenovo USB Smartcard Keyboard	51J0155	ann	03/24/09

Mouse

Lenovo Mini Optical Mouse - Black (USB)	55Y9308	ann	05/19/09
Lenovo Mini Optical Mouse - White (USB)	55Y9309	ann	05/19/09
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

Security

Kensington® MicroSaver® Cable Lock	73P2582	ann	12/29/03
Kensington Twin Head Cable Lock	45K1620	ann	09/30/08
USB Gemplus GemPC Smart Card Reader	41N3040	ann	02/21/06
ExpressCard Gemplus Smart Card Reader ⁴⁷	41N3043	ann	06/27/06
⁴⁷ Requires ExpressCard slot			

Multimedia

ThinkPad In-Ear Headphones	57Y4488	ann	01/07/10
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Batteries

ThinkPad Battery 41+ (6-cell)	40Y6799	ann	01/05/06
ThinkPad Battery 41++ (9-cell)	40Y6797	ann	09/20/05
ThinkPad External Battery Charger ⁴⁴	40Y7625	ann	09/20/05
⁴⁴ Requires the <i>ThinkPad 90W AC Adapter</i> 40Y7659 or the adapter provided with the system.			

More information at www.lenovo.com/alldaycomputing

ThinkPad 65W AC Adapter ⁴⁵	40Y7696		
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

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

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

• BlackBerry charge tip (L8a)	41R4478	ann	12/18/07
• 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**Carrying Cases**

Up to 13.3" widescreen models:

ThinkPad Ultraportable Case	41U5062	ann	05/13/08
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Up to 15.4" widescreen models:

ThinkPad 15W Case Sleeve	51J0477	ann	08/18/09
Lenovo Business Messenger Case	51J0475	ann	08/18/09
Lenovo Messenger Max	41U5253	ann	05/01/07
Lenovo Performance Backpack	41U5254	ann	05/01/07
Checkpoint Friendly Business Topload Case	51J0418	ann	05/05/09
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

Monitors

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

Monitor Accessories⁴⁶

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

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.More information at www.lenovo.com/support/monitoraccessories

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/accessoriesAccessories 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

ThinkPad® SL400 2743 (GMA) - TopSeller (Celeron) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Celeron proc- essor	GHz	Memory	Wide- screen display	CCFL or LED	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	Bat- tery 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 system ²⁰ - <i>Some:</i> Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business - <i>Some:</i> Genuine Windows Vista Home Basic 32 ◇ <i>Vista models:</i> Vista Basic logo 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) 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 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
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	
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 80GB ⁸ (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 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 Case Battery - type Battery - life ¹⁰	<i>6-cell 14.1W"</i> (WxDxH): 13.2" x 9.7" x 1.34–1.46"; 336mm x 247mm x 34–37mm <i>6-cell:</i> starting at 5.5 lb (2.5kg) <i>Color:</i> black; <i>Material:</i> scratch-resistant ABS plastic, high-gloss top cover Lithium Ion 6-cell <i>6-cell:</i> up to 4.1 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 Super I/O) One slot (ExpressCard/34, ExpressCard/54)	
ExpressCard Multicard Reader PC Card Smart Card Read Ports	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 11b/g ³² WWAN upg 2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support	Three Mini PCI Express slots 11b/g wireless ⁴ , ThinkPad 11b/g Mini PCIe Adapter III, Atheros AR5007EG <i>Some:</i> Wireless WAN upgradable, optional AT&T® (43R9152) 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 or September 30, 2008, or March 31, 2009
US models withdrawn effective September 2009 or April 2010

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(CAY1-3) April 2010

Proc- Type-model	essor GHz	Memory	Wide- screen display	Screen type	Cam- era	Integrated graphics	Disk SATA GB ^a rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB or Turbo	Bat- tery Blue- tooth cells	Preload	Avail date	
2743-48U T5670	1.80	2GB	14.1" WXGA			GMA	250G 5400	DVD±RW	* Intel 5100 ²⁸	AT&T ²³		6	Bus 32	July 08	
2743-49U T5670	1.80	2GB	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	2GB	14.1" WXGA			GMA	250G 5400	DVD±RW	* Intel 5100	WWAN upg		6	Bus 32	July 08	
2743-4BU T5670	1.80	2GB	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	2GB	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	2GB	14.1" WXGA			GMA	160G 5400	DVD±RW	÷ Intel 5100	WWAN upg		6	Bus 32	July 08	
2743-23U P8600	2.40	2GB	14.1" WXGA		Cam	GMA	160G 5400	DVD±RW	÷ Intel 5100	AT&T		Blue	6	Home P	July 08
2743-26U P8600	2.40	2GB	14.1" WXGA		Cam	GMA	160G 5400	DVD±RW	÷ Intel 5100	WWAN upg	2G Turbo	Blue	6	Bus 32	July 08
2743-72U 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	
2743-89U 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 system ²⁰			
Memory	1GB or 2GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available										- 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			
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 160GB ⁸ (5400 rpm), 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™										◇ 42U/45U models: Vista Basic logo ◇ 2GB Vista models: Vista Premium logo			
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										Preloaded applications ¹⁴ (all OSes)			
Camera	Some: camera on top of screen, 2.0-megapixel, fixed focus										• 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)			
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)													
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)													
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 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, security chip, ethernet MAC), LPC bus (IT8752 Super I/O)										65-watt (GMA graphics) 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 Std	None										24 hour x 7 day ¹⁸ toll-free support			
Smart Card Read	None										during the warranty period ¹²			
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)										via 800-426-7378			
Mini PCI Express	Three Mini PCI Express slots										ThinkPlus™, 22 1-year LOR ²⁴ 9x5 NBD			
Intel 5100 ²⁸	11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)										45K5968			
WWAN upg	Some: Wireless WAN upgradable, optional AT&T® (43R9152)										ThinkPlus 2-year LOR 9x5 NBD			
AT&T ²³	Some: Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T®										45K5969			
2G Turbo	Some: Intel Turbo Memory, Half-Mini PCIe adapter, 2GB flash, disk-cache accelerator										ThinkPlus 3-year LOR 9x5 NBD			
UWB	None										45K5970			
Modem	56K V.92 ⁶ modem										ThinkPlus 4-year LOR 9x5 NBD			
Bluetooth™	Some: Bluetooth 2.0 wireless, LED indicator										45K5973			
Ethernet	Realtek RTL8111C Gigabit Network Connection, PHY, PCIe x1										ThinkPlus 5-year LOR 9x5 NBD			
Intel AMT	None										45K5975			
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										ThinkPlus 2-year P&L P/U Depot			
Security	Power-on password, hard disk password, supervisor password, security keyhole										45K5971			
Security chip	None										ThinkPlus 3-year P&L P/U Depot			
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor, supports the security chip										45K5972			
Limited warranty ¹²	1-year - EasyServ™, 19 depot repair service / service upgrades ²² available										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			

See footnotes for important warranty information

* Intel Centrino® processor technology

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US models announced July 15, July 29, September 30

÷ Intel Centrino 2 processor technology

(CAY1-1) September 2009

or October 7, 2008

US models withdrawn effective September 2008, January or September 2009

ThinkPad® SL400 2743 (GMA) - TopSeller (January 2009) - withdrawn

Personal Systems Reference (PSREF)

Proc- Type-model	essor 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	Finger print reader	Bat- tery cells	Pre- load	Avail date
2743-6GU	T5870	2.00	2GB	14.1"	Glossy Cam	GMA	250G 5400	DVD±RW	* Intel 5100 ²⁸	WWAN upg	None		Fing 6	XP Pro	Dec08	
2743-6HU	T5870	2.00	2GB	14.1"		WXGA	GMA	250G 5400	DVD±RW	* Intel 5100	WWAN upg	None		Fing 6	Bus 32	Dec08
2743-6JU	T5870	2.00	3GB	14.1"		WXGA	GMA	250G 5400	DVD±RW	* Intel 5100	WWAN upg	None	Blue	Fing 6	Home P	Dec08
2743-3WUP	P8600	2.40	2GB	14.1"		WXGA	GMA	160G 5400	DVD±RW	✧ Intel 5100	WWAN upg	None		Fing 6	Home P	Dec08
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 system²⁰ - Some: Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business - Some: Genuine Windows Vista Home Premium 32 - Some: Genuine Windows Vista Business 32 ✧ 3WU model: Vista Premium logo ✧ Other Vista models: Vista Basic logo Preloaded applications¹⁴ (all OSes; only some listed) • 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) • Adobe® Reader® • Roxio® Creator® Small Business Edition (DVD±RW) • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW) 65-watt (GMA graphics) AC adapter RoHS-compliant International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free support during the warranty period¹² via 800-426-7378 ThinkPlus™. 22 1-year LOR²⁴ 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
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		
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB ⁸ (5400 rpm), 250GB (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		
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)		
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 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) <i>Color:</i> black; <i>Material:</i> scratch-resistant ABS plastic, high-gloss top cover Lithium Ion 6-cell 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) One slot (ExpressCard/34, ExpressCard/54)		
ExpressCard Multicard Reader PC Card Smart Card Read Ports	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 WiMAX	Three Mini PCI Express slots <i>Some:</i> 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) <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 AT&T ²³	<i>Some:</i> Wireless WAN upgradable, optional AT&T® (43R9152) <i>Some:</i> Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T		
2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support	<i>Some:</i> Intel Turbo Memory, Half-Mini PCIe adapter, 2GB flash, disk-cache accelerator None 56K V.92 ⁶ modem <i>Some:</i> 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		
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None <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 or Jan 6, 2009

US models withdrawn effective September 2009 or April 2010

* Intel Centrino® processor technology

✧ Intel Centrino 2 processor technology

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(CAY11-1) April 2010

Type-model	Processor	GHz	Memory	Wide-screen display	CCFL or LED	Screen type	Camera 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	Finger print reader	Battery Pre-load	Whorse (W) Gbl Educ	(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-DGU	T5870	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-EGU	T5870	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 system ²⁰ - <i>Some:</i> Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business - <i>Some:</i> Genuine Windows Vista Business 32 - <i>Some:</i> Genuine Windows Vista Ultimate 32 ✧ <i>Vista models:</i> Vista Basic logo Preloaded applications ¹⁴ (all OSes; only some listed) • 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) • Adobe® Reader® • Roxio® Creator® Small Business Edition (DVD±RW) • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW) 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 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
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	
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB ⁸ (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 <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	<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)	
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	<i>6-cell 14.1W"</i> (WxDxH): 13.2" x 9.7" x 1.34–1.46"; 336mm x 247mm x 34–37mm <i>6-cell:</i> starting at 5.5 lb (2.5kg) black scratch-resistant ABS plastic, high-gloss top cover Lithium Ion 6-cell <i>6-cell:</i> up to 4.1 hr; <i>9-cell:</i> 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 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	Three Mini PCI Express slots 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) None None None None 56K V.92 ⁶ modem <i>Some:</i> 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	
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None <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 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

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(CAY11-2) April 2010

ThinkPad® SL400 2743 (NVIDIA®) - TopSeller - withdrawn

Personal Systems Reference (PSREF)

Proc- Type-model	essor 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	Bat- tery cells	Preload	Avail date
2743-44U P8400	2.26	2GB	14.1"	WXGA+	Cam 9300M	160G 5400	DVD±RW	Intel 5100 ²⁸	AT&T ²³		6	Business 32	July 08
2743-47U P8400	2.26	2GB	14.1"	WXGA+	Cam 9300M	160G 5400	DVD±RW	Intel 5100	WWAN upg		6	Business 32	July 08
2743-22U P8400	2.26	2GB	14.1"	WXGA	Glossy Cam 9300M	250G 5400	DVD±RW	Intel 5100	AT&T		6	Business 32	July 08
2743-24U P8600	2.40	2GB	14.1"	WXGA	Glossy Cam 9300M	250G 5400	DVD±RW	Intel 5100	AT&T	2G Turbo	6	Business 32	July 08
2743-25U T9400	2.53	4GB	14.1"	WXGA+	Cam 9300M	320G 5400	BD burner	Intel 5100	AT&T	2G Turbo	9	Ultimate 32	July 08
2743-82U P8400	2.26	2GB	14.1"	WXGA+	Cam 9300M	160G 5400	DVD±RW	Intel 5100	AT&T ²³		6	XP Pro	Aug 08
2743-84U P8400	2.26	2GB	14.1"	WXGA+	Cam 9300M	160G 5400	DVD±RW	Intel 5100	WWAN upg		6	XP Pro	Aug 08
• 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 - 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			
Memory	1GB, 2GB, or 4GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available									Preloaded applications ¹⁴ (all OSes) • 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 • Windows Live Search • Microsoft® Office 2007 Trial (60-day) • Roxio® Creator® Small Business Edition (DVD±RW) • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW, Blu-ray) • Ulead® DVD MovieFactory® (Blu-ray)			
SATA DVD±RW	Some: DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in												
SATA BD burner	Some: Blu-ray™ 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 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™												
Widescreen display	Some: 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									90-watt (NVIDIA graphics) AC adapter			
Intel 5100 ²⁸	11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)									RoHS-compliant			
WWAN upg	Some: Wireless WAN upgradable, optional AT&T® (43R9152)									International Warranty Service ¹⁷			
AT&T ²³	Some: 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 via 800-426-7378			
2G Turbo	Some: Intel Turbo Memory, Half-Mini PCIe adapter, 2GB flash, disk-cache accelerator									ThinkPlus™.22 1-year LOR ²⁴ 9x5 NBD 45K5968			
UWB	None									ThinkPlus 2-year LOR 9x5 NBD 45K5969			
Modem	56K V.92 ⁶ modem									ThinkPlus 3-year LOR 9x5 NBD 45K5970			
Bluetooth™	Bluetooth 2.0 wireless, LED indicator									ThinkPlus 4-year LOR 9x5 NBD 45K5973			
Ethernet	Realtek RTL8111C Gigabit Network Connection, PHY, PCIe x1									ThinkPlus 5-year LOR 9x5 NBD 45K5975			
Intel AMT	None									ThinkPlus 2-year P&L P/U Depot 45K5971			
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									ThinkPlus 3-year P&L P/U Depot 45K5972			
Security	Power-on password, hard disk password, supervisor password, security keyhole									ThinkPlus 4-year P&L P/U Depot 45K5974			
Security chip	None									ThinkPlus 5-year P&L P/U Depot 45K5976			
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor, supports the security chip									Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty			
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						
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

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US models announced July 15 or July 29, 2008

(CAY1-2) September 2009

US models withdrawn effective September 2008 or September 2009

ThinkPad® SL400c 4413 (GMA) - withdrawn

Personal Systems Reference (PSREF)

Type-model	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	Mini PCIe UWB	Blue-tooth	Finger print reader	Battery cells	Pre-load	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) • 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) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™																	
Widescreen display Camera	14.1" (358.1mm) WXGA (1280x800) color, VibrantView (glossy), LED backlight , high brightness 680 nits, 16:10 aspect ratio, 300:1 contrast ratio 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 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	<i>6-cell 14.1W" (WxDxH):</i> 13.2" x 9.7" x 1.34–1.46"; 336mm x 247mm x 34–37mm <i>6-cell:</i> starting at 5.5 lb (2.5kg) black scratch-resistant ABS plastic, high-gloss top cover Lithium Ion 6-cell <i>6-cell:</i> up to 4.1 hr; <i>9-cell:</i> 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) 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)																	
ExpressCard Multicard Reader PC Card Smart Card Read Ports											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							
Mini PCI Express Intel 5100 ²⁸ WWAN upg 2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support	Three Mini PCI Express slots 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) None None 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										ThinkPlus™. 22 3-year LOR ²⁴ 9x5 NBD 45K6021 ThinkPlus 4-year LOR 9x5 NBD 45K6022 ThinkPlus 5-year LOR 9x5 NBD 45K6024 ThinkPlus 4-year P&L P/U Depot 45K6023 ThinkPlus 5-year P&L P/U Depot 45K6025 Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty							
Security Security chip Fingerprint reader	None None 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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(CAY11C-1) April 2010

Memory

1GB PC2-5300 DDR2 SODIMM	40Y7734	ann 01/05/06
1GB PC2-5300 DDR2 SODIMM (25-Pack)	51J0502	ann 03/17/09
2GB PC2-5300 DDR2 SODIMM	40Y7735	ann 11/28/06
2GB PC2-5300 DDR2 SODIMM (25-Pack)	51J0548	ann 03/17/09

Storage and removable storage

SL 320GB Disk SATA 1.5Gb/s (5400 rpm)	43N3405	ann 07/15/08
USB 2.0 Essential Memory Key 4GB	45J7904	ann 06/24/08
USB 2.0 Essential Memory Key 8GB	45J7905	ann 07/15/08
USB 2.0 Essential Memory Key 32GB	45K1258	ann 10/28/08
USB 2.0 Ultra Secure Memory Key 1GB	45J5915	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 2GB	45J5916	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 4GB	45J5917	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	ann 08/26/08
USB 2.0 Portable 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)

Only WWAN upgradable models:

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

Lenovo® Essential Notebook Stand	45J9292	ann 05/12/09
USB Port Replicator with Digital Video	45K1610	ann 07/28/09

Keyboard

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
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
Preferred Pro USB Fingerprint Keyboard	73P4730	ann 02/22/05
Lenovo USB Smartcard Keyboard	51J0155	ann 03/24/09

Mouse

Lenovo Mini Optical Mouse - Black (USB)	55Y9308	ann 05/19/09
Lenovo Mini Optical Mouse - White (USB)	55Y9309	ann 05/19/09
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

Security

Kensington® MicroSaver® Cable Lock	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06
ExpressCard Gemplus Smart Card Reader ⁴⁷	41N3043	ann 06/27/06

⁴⁷ Requires ExpressCard slot**Multimedia**

ThinkPad In-Ear Headphones	57Y4488	ann 01/07/10
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Batteries

ThinkPad Battery 41+ (6-cell)	40Y6799	ann 01/05/06
ThinkPad Battery 41++ (9-cell)	40Y6797	ann 09/20/05
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.More information at www.lenovo.com/alldaycomputing

ThinkPad 65W AC Adapter ⁴⁵	40Y7696	
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

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

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

•Palm device charge tip (L7)	41R4315	ann 12/18/07
•Blackberry charge tip (L8a)	41R4478	ann 12/18/07
•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**Carrying Cases**

Up to 14" widescreen models:

ThinkPad 14W Case Sleeve	57Y4294	ann 03/16/10
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Up to 15.4" widescreen models:

ThinkPad 15W Case Sleeve	51J0477	ann 08/18/09
Lenovo Business Messenger Case	51J0475	ann 08/18/09
Lenovo Messenger Max	41U5253	ann 05/01/07
Lenovo Performance Backpack	41U5254	ann 05/01/07
Checkpoint Friendly Business Topload Case	51J0418	ann 05/05/09
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	57Y4272	ann 01/07/10
Wenger Deluxe Slim Case for Lenovo	57Y4273	ann 01/07/10

Lenovo luxury cases at www.lenovoluxurycases.com**Monitors**

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

Monitor Accessories⁴⁶

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

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.More information at www.lenovo.com/support/monitoraccessories

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/accessoriesAccessories Guide pdf at www.lenovo.com/accessoriesguide

ThinkPad® SL410 2842 (GMA) - TopS (XP with Win 7 License) - withdrawn Personal Systems Reference (PSREF)

Type-model	Proc- essor	GHz	Memory	Wide- screen display	CCFL or LED	Screen type	Cam- era	Integrated graphics	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe Blue- tooth	Finger print reader	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 system ²⁰ - Windows® XP Professional preinstalled through downgrade rights in Genuine Windows 7 Professional 32 Preloaded applications ¹⁴ (only some listed) • 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) Supports ThinkVantage® technologies 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 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
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	
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB ⁸ (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™	
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 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	6-row, ThinkVantage 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, multi-touch	
Lighting FX	Illuminated power button	
Dimensions ³	<i>4/6-cell 14.0W" (WxDxH):</i> 13.54" x 9.17" x 1.26–1.42"; 344mm x 233mm x 32–36mm	
Weight ²	<i>4-cell:</i> starting at 4.59 lb (2.08kg); <i>6-cell:</i> 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 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 5100 ²⁸	11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)	
WWAN upg	None	
Modem	None	
Bluetooth™	<i>Some:</i> 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	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

* Intel Centrino® processor technology

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US models announced October 22, 2009

(JAD1-2) October 2010

US models withdrawn effective February or October 2010

ThinkPad® SL410 2874 (GMA) - TopSeller (Celeron) - Win 7 - withdrawn

Personal Systems Reference (PSREF)

Type-model	Celeron proc- essor	GHz	Memory	Wide- screen display	CCFL or LED	Screen type	Cam- era	Integrated graphics	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Bat- tery Blue- tooth 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 system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (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 SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB ⁸ (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™		
Widescreen display Camera	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		
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 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		Supports ThinkVantage® technologies 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
Lighting FX	Illuminated power button		
Dimensions ³ Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	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) ThinkPad Matte Black Scratch-resistant ABS plastic Lithium Ion 6-cell 6-cell: up to 4.0 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)		
ExpressCard Multicard Reader PC Card Smart Card Read Ports	One slot (ExpressCard/34) 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) None None Three USB 2.0, one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		
Mini PCI Express 11n ²⁸ Intel 1000 ²⁸ WWAN upg	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		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
Modem Bluetooth™ Ethernet Intel AMT Audio support	None None Realtek® RTL8103EL 10/100 Network Connection, PHY, PCIe x1 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 Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None 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

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

ThinkPad® SL500 2746 (GMA) - TopSeller (Celeron) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Celeron 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	Mini PCIe UWB or Turbo	Bat- tery Blue/terry Fing cells	Preload	Avail date	
2746-8XU	Cel 585	2.16	1GB	15.4" WXGA	LED	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			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			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

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- **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 - <i>Some:</i> Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business - <i>Some:</i> Genuine Windows Vista Home Basic 32 ◇ <i>Vista models:</i> 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; <i>Non-italics:</i> 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	<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, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio <i>Some:</i> 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 <i>Max external resolution:</i> 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 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											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 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) 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)																					
ExpressCard/54 Multicard reader PC Card Smart Card read 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 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										
Mini PCI Express 11b/g ³² WWAN upg 2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support	Three Mini PCI Express slots 11b/g wireless ⁴ , ThinkPad 11b/g Mini PCIe Adapter III, Atheros AR5007EG <i>Some:</i> Wireless WAN upgradable, optional AT&T® (43R9152) 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 None None																					
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

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(TAR1-3) April 2010

Type-model	Proc- essor	GHz	Memory	Wide- screen display	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 or Turbo	Finger print Blue- tooth	Bat- tery cells	Preload	Avail date
2746-3UU	T5670	1.80	2GB	15.4"	WXGA		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	
2746-3WU	T5670	1.80	2GB	15.4"	WXGA	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		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	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		GMA 160G 5400 Combo	÷ Intel 5100	AT&T				Fing	6 Bus	32	July 08
2746-3PU	P8400	2.26	2GB	15.4"	WXGA		GMA 160G 5400 DVD±RW	÷ Intel 5100	AT&T				Fing	6 Bus	32	July 08
2746-3RU	P8400	2.26	1GB	15.4"	WXGA		GMA 160G 5400 Combo	÷ Intel 5100	WWAN upg				Fing	6 Bus	32	July 08
2746-3SU	P8400	2.26	2GB	15.4"	WXGA		GMA 160G 5400 DVD±RW	÷ Intel 5100	WWAN upg				Fing	6 Bus	32	July 08
2746-23U	P8600	2.40	2GB	15.4"	WXGA	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	Cam	GMA 160G 5400 DVD±RW	÷ Intel 5100	WWAN upg	2GB Turbo			Fing Blue	6 Bus	32	July 08
2746-6VU	P8400	2.26	2GB	15.4"	WXGA		GMA 160G 5400 DVD±RW	÷ Intel 5100	AT&T				Fing	6 XP Pro	Aug 08	
2746-6XU	P8400	2.26	2GB	15.4"	WXGA		GMA 160G 5400 DVD±RW	÷ Intel 5100	WWAN upg				Fing	6 XP Pro	Aug 08	
2746-6ZU	T5670	1.80	2GB	15.4"	WXGA		GMA 250G 5400 DVD±RW	* Intel 5100	WWAN upg				Fing	6 XP Pro	Aug 08	
2746-72U	T5670	1.80	2GB	15.4"	WXGA	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		GMA 160G 5400 DVD±RW	* Intel 5100	WWAN upg					6 XP Pro	Aug 08	
2746-7DU	P8600	2.40	2GB	15.4"	WXGA	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 - 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 ◇ 1GB Vista models: Vista Basic logo ◇ 2GB Vista models: Vista Premium logo Preloaded applications¹⁴ (all OSes, only some listed) • 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)					
Memory	1GB or 2GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available															
SATA Combo SATA DVD±RW SATA disk	<i>Some:</i> DVD-ROM/CD-RW, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB⁸ (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™															
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, VibrantView (glossy), CCFL backlight, 200 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 (DB-15 port); 1920x1080 (HDMI port)															
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	<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 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)															
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™	<i>Some:</i> 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	<i>Some:</i> 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 Centrino 2 processor technology

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(TAR1-1) September 2009

ThinkPad® SL500 2746 (GMA) - TopSeller (September 2008) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Wide-screen display	Screen type	Camera	Integrated graphics	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB or Turbo	Fingerprint reader	Bluetooth	Battery cells	Pre-load	Availability date
2746-6DU	T5670	1.80	1GB	15.4"	WXGA		GMA	80GB 5400	DVD±RW	* Intel 5100 ²⁸	WWAN upg	None			6 XP Pro		Sep08
2746-6EU	P7370	2.00	2GB	15.4"	WXGA		GMA	250G 5400	DVD±RW	± Intel 5100	WWAN upg	None	Fing		6 XP Pro		Sep08
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		Nov08
2746-9MUT	T5870	2.00	1GB	15.4"	WXGA		GMA	160G 5400	DVD±RW	* Intel 5100	WWAN upg	None			6 XP Pro		Dec08
2746-9NU	T5870	2.00	2GB	15.4"	WXGA		GMA	250G 5400	DVD±RW	* Intel 5100	WWAN upg	None	Fing		6 XP Pro		Dec08
2746-9PU	T5870	2.00	2GB	15.4"	WXGA		GMA	250G 5400	DVD±RW	* Intel 5100	WWAN upg	None	Fing		6 Bus 32		Dec08
2746-9QU	T5870	2.00	3GB	15.4"	WXGA	Glossy Cam	GMA	250G 5400	DVD±RW	* Intel 5100	WWAN upg	None		Blue	6 Home P		Dec08
2746-ASU	P8600	2.40	2GB	15.4"	WXGA	Cam	GMA	250G 5400	DVD±RW	± Intel 5100	WWAN upg	None	Fing		6 Bus 32		Dec08
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 system ²⁰						
Memory	1GB, 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: Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business - Some: Genuine Windows Vista Home Premium 32 - Some: Genuine Windows Vista Business 32 ◇ ASU model: Vista Premium logo ◇ Other Vista models: Vista Basic logo						
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™										Preloaded applications ¹⁴ (all OSes; only some listed) • 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) • Adobe® Reader® • Roxio® Creator® Small Business Edition (DVD±RW) • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW)						
Widescreen display	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" (391.2mm) WXGA (1280x800) color, anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio																
Camera	Some: 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 Max external resolution: 2048x1536@75Hz (VGA DB-15); 1920x1080 (HDMI)																
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 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																
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) One slot (ExpressCard/34, ExpressCard/54) 7-in-1 reader (MMC, Memory Stick, Mem Stick PRO™, SD, SDHC, XD, XD Type H)										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/54 Multicard reader PC Card Smart Card read Ports	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)										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						
Mini PCI Express Intel 5100 ²⁸ WiMAX WWAN upg 2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support	Three Mini PCI Express slots Some: 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) Some: 11a/b/g/n and WiMAX wireless ⁴ , Mini PCIe adap, Intel WiMAX/WiFi Link 5150, 1x2 (300Mbps) WiFi + 1x2 WiMAX (Echo Peak) Wireless WAN upgradable, optional AT&T® (43R9152) 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																
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None Some: 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 September 30, October 7,

November 25, December 16, 2008, or Jan 6, 2009

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

* Intel Centrino® processor technology

± Intel Centrino 2 processor technology

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(TAR1-4) April 2010

ThinkPad® SL500 2746 (GMA) - TopSeller (April 2009) - withdrawn

Personal Systems Reference (PSREF)

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	Fingerprint reader	Bluetooth	Battery cells	Pre-load	Whorse (W) Gbl (G) Educ	Availability date
2746-MJU	T5870	2.00	2GB	15.4" WXGA	LED	Cam	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				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	Blue	6	XP Pro		Mar 09
2746-MPU	P8600	2.40	3GB	15.4" WXGA	LED	Cam	GMA	250G 5400	DVD±RW	* Intel 5100		Fing	Blue	6	XP Pro		Mar 09
2746-N9U	T6570	2.10	2GB	15.4" WXGA	LED	Cam	GMA	250G 5400	DVD±RW	* Intel 5100		Fing	Blue	6	Ult 32	Educ	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	Blue	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 system²⁰ - <i>Some:</i> Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business - <i>Some:</i> Genuine Windows Vista Home Premium 32 - <i>Some:</i> Genuine Windows Vista Business 32 - <i>Some:</i> Genuine Windows Vista Ultimate 32 ✧ <i>Vista models:</i> Vista Basic logo Preloaded applications¹⁴ (all OSes; only some listed) • 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) 65-watt (GMA graphics) AC adapter RoHS-compliant International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free support during the warranty period¹² via 800-426-7378 ThinkPlus™.²² 1-year LOR²⁴ 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
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	
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB ⁸ (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> 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	
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 DB-15); 1920x1080 (HDMI)	
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	<i>6-cell 15.4W" (WxDxH):</i> 14.1" x 10.2" x 1.46–1.53"; 358 x 260mm x 37–39mm <i>6-cell:</i> starting at 6.3 lb (2.9kg) Black Scratch-resistant ABS plastic, high-gloss top cover Lithium Ion 6-cell <i>6-cell:</i> up to 3.6 hr; <i>9-cell:</i> 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) One slot (ExpressCard/34, ExpressCard/54) 7-in-1 reader (MMC, Memory Stick, Mem Stick PRO™, SD, SDHC, XD, XD Type H) 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)	
ExpressCard/54 Multicard reader PC Card Smart Card read Ports	None 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 AT&T ²³	Three Mini PCI Express slots 11a/b/g/n wireless [*] , 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®	
2G Turbo UWB Modem	None None 56K V.92 ⁶ modem	
Bluetooth™ Ethernet Intel AMT	<i>Some:</i> Bluetooth 2.1 wireless, LED indicator Realtek® RTL8111C Gigabit Network Connection, PHY, PCIe x1 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 Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None <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 Mar 31, April 7, or July 7, 2009
US models withdrawn effective April 2010

* Intel Centrino® processor technology
♦ Intel Centrino 2 processor technology

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(TAR1-5) April 2010

ThinkPad® SL500 2746 (NVIDIA®) - TopSeller - withdrawn

Personal Systems Reference (PSREF)

Type-model	Proc- essor	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	Bat- tery cells	Preload	Avail 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
2746-6WU	P8400	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 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 Premium logo Preloaded applications¹⁴ (all OSes; only some listed) • 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) • Adobe® Reader® • Microsoft® Office 2007 Trial (60-day) • Roxio® Creator® Small Business Edition (DVD±RW) • Roxio MyDVD® (DVD±RW) • Corel® WinDVD® (DVD±RW)			
Memory	2GB or 4GB 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													
SATA DVD±RW SATA BD burner SATA BD player SATA disk	<i>Some:</i> DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> Blu-ray™ burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> Blu-ray player, DVD burner, SATA 1.5Gb/s, 12.7mm, fixed, not removable, tray-in 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™													
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													
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; <i>Max external resolution:</i> 2048x1536@85Hz (DB-15 port); 1920x1080 (HDMI port)													
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, ThinkPad logo													
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); 9-cell: starting at 6.7 lb (3.0kg) black scratch-resistant ABS plastic, high-gloss top cover Lithium Ion 6-cell or 9-cell 6-cell: up to 3 hr; 9-cell: up to 4.9 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, ethernet MAC), LPC bus (IT8752 Super I/O) One slot (ExpressCard/34, ExpressCard/54)													
ExpressCard Multicard Reader PC Card Smart Card Read Ports	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 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 upgradable, optional AT&T® (43R9152) <i>Some:</i> Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T													
2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support	<i>Some:</i> Intel Turbo Memory, Half-Mini PCIe adapter, 2GB flash, disk-cache accelerator None 56K V.92 ⁶ modem 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													
Security Security chip Fingerprint reader	None None Fingerprint reader on palm rest, swipe sensor													
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available													
											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			

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

ThinkPad® SL500c 4414 (GMA) - Celeron - withdrawn

Personal Systems Reference (PSREF)

Type-model	Celeron proc- essor	GHz	Memory	Wide- screen display	Cam- era	Inte- grated graphics	Disk SATA GB ⁸ rpm	SATA optical	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 system ²⁰ - Genuine Windows® Vista® Business 32 ◇ Vista Basic logo Preloaded applications ¹⁴ (only some listed) • 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)
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			
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB ⁸ (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™			
Widescreen display Camera	15.4" (391.2mm) WXGA (1280x800) color , anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 300:1 contrast ratio 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 (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 Case color Case material Battery - type Battery - life ¹⁰	<i>6-cell 15.4W" (WxDxH):</i> 14.1" x 10.2" x 1.46–1.53"; 358 x 260mm x 37–39mm <i>6-cell:</i> starting at 6.3 lb (2.9kg) Black Scratch-resistant ABS plastic, high-gloss top cover Lithium Ion 6-cell <i>6-cell:</i> up to 3.6 hr; <i>9-cell:</i> 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 Ports	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 11b/g ³² WWAN upg 2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support	Three Mini PCI Express slots 11b/g wireless ⁴ , ThinkPad 11b/g Mini PCIe Adapter III, Atheros AR5007EG None None None 56K V.92 ⁶ modem 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			
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None Fingerprint reader on palm rest, swipe sensor			
Limited warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades ²² available			

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
ThinkPlus™.22 3-year LOR ²⁴ 9x5 NBD 45K6021
ThinkPlus 4-year LOR 9x5 NBD 45K6022
ThinkPlus 5-year LOR 9x5 NBD 45K6024
ThinkPlus 4-year P&L P/U Depot 45K6023
ThinkPlus 5-year P&L P/U Depot 45K6025
Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty

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

ThinkPad® SL500c 4414 (GMA) - withdrawn

Personal Systems Reference (PSREF)

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	Finger print reader	Blue- tooth	Bat- tery cells	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 system ²⁰ - Genuine Windows® Vista® Business 32 ↗ Vista Basic logo Preloaded applications ¹⁴ (only some listed) • 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)
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	
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB ⁸ (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™	
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	
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 DB-15); 1920x1080 (HDMI)	
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	<i>6-cell 15.4W"</i> (WxDxH): 14.1" x 10.2" x 1.46–1.53"; 358 x 260mm x 37–39mm <i>6-cell:</i> starting at 6.3 lb (2.9kg) Black Scratch-resistant ABS plastic, high-gloss top cover Lithium Ion 6-cell <i>6-cell:</i> up to 3.6 hr; <i>9-cell:</i> 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) One slot (ExpressCard/34, ExpressCard/54) 7-in-1 reader (MMC, Memory Stick, Mem Stick PRO™, SD, SDHC, XD, XD Type H)	
ExpressCard/54 Multicard reader PC Card Smart Card read Ports	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	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 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	
Security Security chip Fingerprint reader	None None 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

1GB PC2-5300 DDR2 SODIMM	40Y7734	ann 01/05/06
1GB PC2-5300 DDR2 SODIMM (25-Pack)	51J0502	ann 03/17/09
2GB PC2-5300 DDR2 SODIMM	40Y7735	ann 11/28/06
2GB PC2-5300 DDR2 SODIMM (25-Pack)	51J0548	ann 03/17/09

Storage and removable storage

SL 320GB Disk SATA 1.5Gb/s (5400 rpm)	43N3405	ann 07/15/08
USB 2.0 Essential Memory Key 4GB	45J7904	ann 06/24/08
USB 2.0 Essential Memory Key 8GB	45J7905	ann 07/15/08
USB 2.0 Essential Memory Key 32GB	45K1258	ann 10/28/08
USB 2.0 Ultra Secure Memory Key 1GB	45J5915	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 2GB	45J5916	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 4GB	45J5917	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	ann 08/26/08
USB 2.0 Portable 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)

Only WWAN upgradable models:

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

Lenovo® Essential Notebook Stand	45J9292	ann 05/12/09
USB Port Replicator with Digital Video	45K1610	ann 07/28/09

Keyboard

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
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
Preferred Pro USB Fingerprint Keyboard	73P4730	ann 02/22/05
Lenovo USB Smartcard Keyboard	51J0155	ann 03/24/09

Mouse

Lenovo Mini Optical Mouse - Black (USB)	55Y9308	ann 05/19/09
Lenovo Mini Optical Mouse - White (USB)	55Y9309	ann 05/19/09
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

Security

Kensington® MicroSaver® Cable Lock	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06
ExpressCard Gemplus Smart Card Reader ⁴⁷	41N3043	ann 06/27/06

⁴⁷ Requires ExpressCard slot**Multimedia**

ThinkPad In-Ear Headphones	57Y4488	ann 01/07/10
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Batteries

ThinkPad Battery 41+ (6-cell)	40Y6799	ann 01/05/06
ThinkPad Battery 41++ (9-cell)	40Y6797	ann 09/20/05
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.

More information at www.lenovo.com/alldaycomputing

ThinkPad 65W AC Adapter ⁴⁵	40Y7696	ann 01/05/06
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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

More info at www.lenovo.com/support/poweradapters*Charging tips for 90W Ultraslim AC/DC Combo Adapter 41R4493*

•Palm device charge tip (L7)	41R4315	ann 12/18/07
•BlackBerry charge tip (L8a)	41R4478	ann 12/18/07
•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**Carrying Cases***Up to 15.4" widescreen models:*

ThinkPad 15W Case Sleeve	51J0477	ann 08/18/09
Lenovo Business Messenger Case	51J0475	ann 08/18/09
Lenovo Messenger Max	41U5253	ann 05/01/07
Lenovo Performance Backpack	41U5254	ann 05/01/07
Checkpoint Friendly Business Topload Case	51J0418	ann 05/05/09
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

Monitors

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

Monitor Accessories⁴⁶

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

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.More information at www.lenovo.com/support/monitoraccessories

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/accessoriesAccessories Guide pdf at www.lenovo.com/accessoriesguide

ThinkPad® SL510 2847 (GMA) - TopS (XP with Win 7 License) - withdrawn Personal Systems Reference (PSREF)

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	Bluetooth	Finger-print reader	Batter- y cells	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 system ²⁰ - Windows® XP Professional preinstalled through downgrade rights in Genuine Windows 7 Professional 32 Preloaded applications ¹⁴ (only some listed) • 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)
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		
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 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 Camera	15.6" (395mm) HD (1366x768) color , anti-glare, 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		
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	<i>4/6-cell 15.6W"</i> (WxDxH): 14.9" x 9.72" x 1.26–1.42"; 380 x 247mm x 32–36mm <i>4-cell:</i> starting at 5.17 lb (2.35kg); <i>6-cell:</i> starting at 5.64 lb (2.56kg)		
Case color Case material Battery - type ³⁷ Battery - life ¹⁰	ThinkPad Matte Black Scratch-resistant ABS plastic Lithium Ion 6-cell <i>6-cell:</i> up to 4.0 hr; <i>9-cell:</i> up to 6 hr		Supports ThinkVantage® technologies 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
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™. ²² 1-year LOR ²⁴ 9x5 NBD 45K5968
ExpressCard Multicard reader PC Card Smart Card read Ports	One slot (ExpressCard/34) 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) None None Three USB 2.0, one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		ThinkPlus 2-year LOR 9x5 NBD 45K5969
Mini PCI Express Intel 1000 ²⁸ Intel 5100 ²⁸ AT&T ²³	One or two Mini PCI Express slots <i>Some:</i> 11b/g/n wireless ⁴ , Mini PCIe adapter, Intel Centrino® Wireless-N 1000, 1x2 <i>Some:</i> 11a/b/g/n wireless, 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 <u>AT&T</u> ®		ThinkPlus 3-year LOR 9x5 NBD 45K5970
Modem Bluetooth™	None <i>Some:</i> Bluetooth 2.1 wireless, LED indicator		ThinkPlus 4-year LOR 9x5 NBD 45K5973
Ethernet Intel AMT Audio support	Realtek® RTL8111DL Gigabit Network Connection, PHY, PCIe x1 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		ThinkPlus 5-year LOR 9x5 NBD 45K5975
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None <i>Some:</i> Fingerprint reader on palm rest, swipe sensor		ThinkPlus 2-year P&L P/U Depot 45K5971
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available		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

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

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 (TOP1-2) October 2010

ThinkPad® SL510 2875 (GMA) - TopSeller (Celeron) - Win 7 - withdrawn

Personal Systems Reference (PSREF)

Type-model	Celeron proc- essor	GHz	Memory	Wide- screen display	CCFL or LED	Screen type	Cam- era	Inte- grated graphics	Disk SATA GB ³ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Blue/ Fing cells	Bat- tery 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 system ²⁰ - Genuine Windows® 7 Home Premium 64				
Memory	1GB or 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										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 160GB ⁸ (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™										• 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 <i>Some:</i> camera on top of screen, 2.0-megapixel, fixed focus														
Integrated graphics	Intel Graphics Media Accelerator 4500M (GMA 4500M), in GL40, HDMI port supporting HDCP to output protected content <i>Max external resolution:</i> 2048x1536@75Hz (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 Illuminated power button														
Lighting FX															
Dimensions ³ Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	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) ThinkPad Matte Black Scratch-resistant ABS plastic Lithium Ion 6-cell 6-cell: up to 4.0 hr; 9-cell: up to 6 hr										Supports ThinkVantage® technologies				
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) One slot (ExpressCard/34) 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) None None Three USB 2.0, one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)										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 Multicard reader PC Card Smart Card read Ports											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				
Mini PCI Express 11n ²⁸ Intel 1000 ²⁸ WWAN upg Modem Bluetooth™ Ethernet Intel AMT Audio support	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 None None None Realtek® RTL8103EL 10/100 Network Connection, PHY, PCIe x1 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 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										Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty				

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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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 V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.

⁷ **Maximum memory capacity** may require the replacement of standard component with largest supported component available. On ThinkPad systems, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems 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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Visit www.lenovo.com/safecomputing periodically for the latest information on safe and effective computing.

Visit www.lenovo.com/psref for the latest version of Personal Systems Reference.

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