



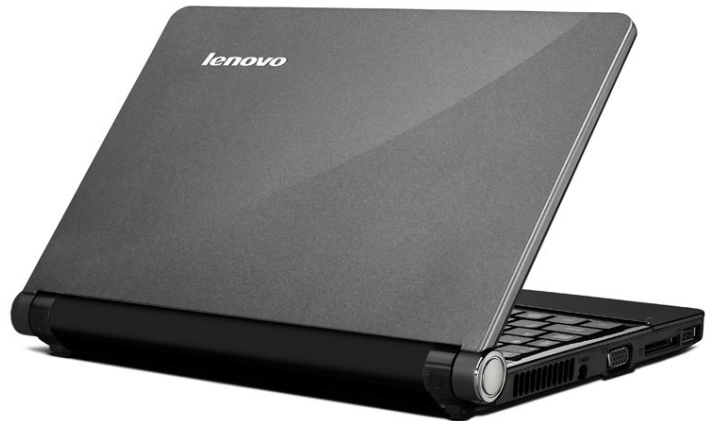
Lenovo IdeaPad S9e



Lenovo IdeaPad S9e



Lenovo IdeaPad S10e



Lenovo IdeaPad S10e



Lenovo IdeaPad S10e



Lenovo IdeaPad S10e

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	Disk	Mini PCIe 802.11 wireless	Color	Blue-tooth	Battery	Preload	Avail date
4187-34U	Atom N270	1.60	512MB	8.9" WSVGA	Cam	GMA	80GB ² HDD	11b/g ¹¹	Gray		3-cell	XP Home	Nov 08
4187-33U	Atom N270	1.60	1GB	8.9" WSVGA	Cam	GMA	80GB HDD	11b/g	Gray	Blue	6-cell	XP Home	Dec 08

- **Lenovo's netbook: smaller and lighter than a notebook**
- **8.9" widescreen display with LED backlight**
- **Super-slim (starting at 0.9 inches thin), ultra-light (starting at 2.43 pounds)**
- **ExpressCard slot for WWAN card**
- **Touch pad supports multi-touch function (pinch, expansion, chiral motion)**
- **Integrated camera**
- **Lenovo® Quick Start: Utility for quick access to Web, music, photos, chat, and Skype® without booting Windows**

Positioning	<i>Netbook; consumer markets</i>										Preloaded operating system²⁰		
Processor	Intel® Atom™ Processor N270 with single-core, Hyper-Threading technology, 533MHz system bus, and 512KB L2 cache										- Microsoft® Windows® XP Home Edition		
Memory	512MB or 1GB std / 1.5GB * max ⁷ / PC2-5300 667MHz DDR2, non-parity, single-channel, one 200-pin SO-DIMM socket; * Windows XP Home models can only be shipped with maximum of 1GB in memory <i>Italics:</i> standard memory 512MB soldered to systemboard, 512MB in socket; no sockets available; <i>Non-italics:</i> standard memory 512MB soldered to systemboard; one socket available										Preloaded applications¹⁴		
External combo SATA disk	None 80GB (5400 rpm) HDD / SATA 1.5Gb/s, 9.5mm high, 2.5" wide, not removable										• ThinkVantage® System Update		
Widescreen display	8.9" (226.1mm) WSVGA (1024x600) TFT color, LED backlight, 180 nits, 16:10 aspect ratio, 300:1 contrast ratio										• Norton Internet Security™ (90 days of virus definitions)		
Camera	Camera on top of screen, 0.3-megapixel, fixed focus										• Adobe Flash® Player		
Graphics	Intel Graphics Media Accelerator 950 (GMA 950), in 945GSE										• Windows Live™ Toolbar		
Keyboard	6-row, 80-key, 85% size, Fn keys, Novo key, wireless on/off button										• Microsoft Office 2007 Trial (60-day) (HDD models only)		
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch										• Adobe® Reader® (HDD models only)		
Dimensions ³	3-cell: (WxDxH): 9.8" x 7.2" x 0.9-1.1"; 250mm x 183mm x 22-27.5mm 6-cell: (WxDxH): 9.8" x 7.7" x 0.9-1.4"; 250mm x 196mm x 22-36mm										• PC-Doctor™ (diagnostics) (HDD models only)		
Weight ²	3-cell with HDD: starting at 2.65 lb (1.2kg) 6-cell with HDD: starting at 2.87 lb (1.3kg)												
Case color	Top: dark gray Bottom: dark gray												
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic												
Battery - type	Lithium Ion, 3-cell 2600 mAh or 6-cell 4800 mAh												
Battery - life ¹⁰	3-cell: up to 2.5 hr; 6-cell: up to 5.0 hr												
Chipset	Mobile Intel 945GSE Express Chipset (Graphics Memory Controller Hub), ICH7M I/O Controller Hub (SATA 1.5Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)												
ExpressCard/34	One slot (ExpressCard/34)										40-watt AC adapter		
Multicard reader	4-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card)										ENERGY STAR® 4.0-compliant		
Ports	Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)										RoHS-compliant		
TV tuner	None										Limited Warranty¹²		
Mini PCI Express	One Mini PCI Express slot												
11b/g ²⁸	11b/g wireless ⁴ , Mini PCIe adapter, Broadcom® BCM4312												
Bluetooth™	Some: Bluetooth 2.1 wireless, LED indicator												
Modem	None												
Ethernet	10/100 ethernet, Broadcom® BCM5906, PCI 2.3												
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / two stereo speakers (1.5 watt) / microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm)												
Security	Power-on password, supervisor password, security keyhole										↪ Split warranty: 1-year for display, disk, systemboard; 90-day for other parts		
Fingerprint reader	None										↪ EasyServ™ depot repair service ¹⁹ ↪ International Warranty Service ¹⁷ ↪ 24x7 ¹⁶ toll-free support for warranty issues during the warranty period ¹² via 800-426-7378		

See footnotes for important warranty information
US models announced November 25 or December 9, 2008

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(KRL1-1) March 2009

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	Disk	Mini PCIe 802.11 wireless	Color	Blue-tooth	Battery	Preload	Avail date
4187-32U	Atom N270	1.60	512MB	8.9" WSVGA	Cam	GMA	4GB ² SSD	11b/g ¹¹	Gray	None	3-cell	SLED10	Nov 08
4187-DRU	Atom N270	1.60	1GB	8.9" WSVGA	Cam	GMA	4GB SSD	11b/g	Gray	None	6-cell	SLED10	Dec 08

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- **Super-slim (starting at 0.9 inches thin), ultra-light (starting at 2.43 pounds)**
- **ExpressCard slot for WWAN card**
- **Touch pad supports multi-touch function (pinch, expansion, chiral motion)**
- **Integrated camera**

Positioning	<i>Netbook; consumer markets</i>							Preloaded operating system²⁰					
Processor	Intel® Atom™ Processor N270 with single-core, Hyper-Threading technology, 533MHz system bus, and 512KB L2 cache							- SUSE® Linux™ Enterprise Desktop10 Service Pack 2					
Memory	512MB or 1GB std / 1.5GB max ⁷ / PC2-5300 667MHz DDR2, non-parity, single-channel, one 200-pin SO-DIMM socket; <i>Italics:</i> standard memory 512MB soldered to systemboard, 512MB in socket; no sockets available; <i>Non-italics:</i> standard memory 512MB soldered to systemboard; one socket available							Preloaded applications ¹⁴					
External combo EIDE disk	None 4GB Solid State Drive (SSD) / EIDE, not removable							• Firefox® Web Browser					
Widescreen display	8.9" (226.1mm) WSVGA (1024x600) TFT color, LED backlight, 180 nits, 16:10 aspect ratio, 300:1 contrast ratio							• OpenOffice					
Camera	Camera on top of screen, 0.3-megapixel, fixed focus							• Evolution® email client					
Graphics	Intel Graphics Media Accelerator 950 (GMA 950), in 945GSE							• Pidgin instant messaging client					
Keyboard	6-row, 80-key, 85% size, Fn keys, Novo key, wireless on/off button							• Network Manager					
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch							• GNOME™ Power Manager					
Dimensions ³	3-cell: (WxDxH): 9.8" x 7.2" x 0.9-1.1"; 250mm x 183mm x 22-27.5mm 6-cell: (WxDxH): 9.8" x 7.7" x 0.9-1.4"; 250mm x 196mm x 22-36mm							• AppArmor® Firewall					
Weight ²	3-cell with SSD: starting at 2.43 lb (1.1kg) 6-cell with SSD: starting at 2.65 lb (1.2kg)							• F-Spot photo software					
Case color	Top: dark gray Bottom: dark gray							• GIMP image editor					
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic							• Banshee® music player					
Battery - type	Lithium Ion, 3-cell 2600 mAh or 6-cell 4800 mAh							• RealPlayer®					
Battery - life ¹⁰	3-cell: up to 2.5 hr; 6-cell: up to 5.0 hr							• ClamAV™					
Chipset	Mobile Intel 945GSE Express Chipset (Graphics Memory Controller Hub), ICH7M I/O Controller Hub (SATA 1.5Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)							• Adobe® Reader®					
ExpressCard/34	One slot (ExpressCard/34)							• System Backup Utility					
Multicard reader	4-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card)							40-watt AC adapter					
Ports	Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)							RoHS-compliant					
TV tuner	None							Limited Warranty¹² ⇨ Split warranty: 1-year for display, disk, systemboard; 90-day for other parts ⇨ EasyServ™ depot repair service ¹⁹ ⇨ International Warranty Service ¹⁷ ⇨ 24x7 ¹⁶ toll-free support for warranty issues during the warranty period ¹² via 800-426-7378					
Mini PCI Express	One Mini PCI Express slot												
11b/g ²⁸	11b/g wireless ⁴ , Mini PCIe adapter, Broadcom® BCM4312												
Bluetooth™	None												
Modem	None												
Ethernet	10/100 ethernet, Broadcom® BCM5906, PCI 2.3												
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / two stereo speakers (1.5 watt) / microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm)												
Security	Power-on password, supervisor password, security keyhole												
Fingerprint reader	None												

See footnotes for important warranty information
 US models announced November 25 or December 9, 2008

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	Disks HDD	SSD	Mini PCIe 802.11 wireless	Color	Blue-tooth	Battery cells	Quick Start	Preload	Avail date
4187-39U	Atom N270	1.60	512MB	10.1" WSVGA	Cam	GMA	80GB ²		11b/g ¹¹	Gray		3-cell	Quick	XP Home	Nov 08
4187-3AU	Atom N270	1.60	1GB	10.1" WSVGA	Cam	GMA	80GB		11b/g	Gray	Blue	6-cell	Quick	XP Home	Dec 08
4187-2PU	Atom N270	1.60	1GB	10.1" WSVGA	Cam	GMA	160GB		11b/g	Gray		3-cell	Quick	XP Home	Mar 09
4187-2SU	Atom N270	1.60	1GB	10.1" WSVGA	Cam	GMA	160GB		11b/g	Gray		6-cell	Quick	XP Home	Mar 09
4187-2NU	Atom N270	1.60	1GB	10.1" WSVGA	Cam	GMA	160GB		11b/g	Gray	Blue	6-cell	Quick	XP Home	Mar 09
4187-4MU	Atom N270	1.60	1GB	10.1" WSVGA	Cam	GMA	160GB		11b/g	Black		3-cell	Quick	XP Home	Apr 09
4187-4LU	Atom N270	1.60	1GB	10.1" WSVGA	Cam	GMA	160GB		11b/g	Black		6-cell	Quick	XP Home	Apr 09
4187-4KU	Atom N270	1.60	1GB	10.1" WSVGA	Cam	GMA	160GB		11b/g	Black	Blue	6-cell	Quick	XP Home	Apr 09
4187-2QU	Atom N270	1.60	1GB	10.1" WSVGA	Cam	GMA	160GB	4GB	11b/g	Gray		3-cell		XP Home	Mar 09

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- **10.1" widescreen display with LED backlight**
- **Super-slim (starting at 0.9 inches thin), ultra-light (starting at 2.43 pounds)**
- **ExpressCard slot for WWAN card**
- **Touch pad supports multi-touch function (pinch, expansion, chiral motion)**
- **Integrated camera**
- **(Select models) Lenovo® Quick Start: Utility for quick access to Web, music, photos, chat, and Skype® without booting Windows**

Positioning	<i>Netbook; consumer markets</i>										Preloaded operating system²⁰			
Processor	Intel® Atom™ Processor N270 with single-core, Hyper-Threading technology, 533MHz system bus, and 512KB L2 cache										- Microsoft® Windows® XP Home Edition			
Memory	512MB or 1GB std / 1.5GB* max ⁷ / PC2-5300 667MHz DDR2, non-parity, single-channel, one 200-pin SO-DIMM socket; * Windows XP Home models can only be shipped with maximum of 1GB in memory <i>Italics:</i> standard memory 512MB soldered to systemboard, 512MB in socket; no sockets available; <i>Non-italics:</i> standard memory 512MB soldered to systemboard; one socket available										Preloaded applications¹⁴			
External combo SATA disk	None 80GB (5400 rpm) or 160GB (5400 rpm) HDD / SATA 1.5Gb/s, 9.5mm high, 2.5" wide, not removable										• ThinkVantage® System Update			
Widescreen display	10.1" (256.5mm) WSVGA (1024x576) TFT color, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio										• Norton Internet Security™ (90 days of virus definitions)			
Camera	Camera on top of screen, 1.3-megapixel, fixed focus										• Adobe Flash® Player			
Graphics	Intel Graphics Media Accelerator 950 (GMA 950), in 945GSE										• Windows Live™ Toolbar			
Keyboard	6-row, 80-key, 85% size, Fn keys, Novo key, wireless on/off button										• Microsoft Office 2007 Trial (60-day) (HDD models only)			
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch										• Adobe® Reader® (HDD models only)			
Dimensions ³	3-cell: (WxDxH): 9.8" x 7.2" x 0.9-1.1"; 250mm x 183mm x 22-27.5mm 6-cell: (WxDxH): 9.8" x 7.7" x 0.9-1.4"; 250mm x 196mm x 22-36mm										• PC-Doctor™ (diagnostics) (HDD models only)			
Weight ²	3-cell: starting at 2.65 lb (1.2 kg) 6-cell: starting at 3.09 lb (1.4 kg)										4187-2QU: SSD model without Office 2007 Trial, Adobe Reader, and PC-Doctor			
Case color	Top: dark gray or black Bottom: dark gray or black													
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic													
Battery - type	Lithium Ion, 3-cell 2600 mAh or 6-cell 4800 mAh													
Battery - life ¹⁰	3-cell: up to 2.5 hr; 6-cell: up to 5.0 hr													
Chipset	Mobile Intel 945GSE Express Chipset (Graphics Memory Controller Hub), ICH7M I/O Controller Hub (SATA 1.5Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)													
ExpressCard/34	One slot (ExpressCard/34)										40-watt AC adapter			
Multicard reader	4-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card)										ENERGY STAR® 4.0-compliant			
Ports	Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)										RoHS-compliant			
TV tuner	None										Limited Warranty¹²			
Mini PCI Express	One Mini PCI Express slot													
11b/g ²⁸	11b/g wireless ⁴ , Mini PCIe adapter, Broadcom® BCM4312													
Bluetooth™	Some: Bluetooth 2.1 wireless, LED indicator													
Modem	None													
Ethernet	10/100 ethernet, Broadcom® BCM5906, PCI 2.3													
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / two stereo speakers (1.5 watt) / microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm)													
Security	Power-on password, supervisor password, security keyhole										↪ Split warranty: 1-year for display, disk, systemboard; 90-day for other parts			
Fingerprint reader	None										↪ EasyServ™ depot repair service ¹⁹			
											↪ International Warranty Service ¹⁷			
											↪ 24x7 ¹⁶ toll-free support for warranty issues during the warranty period ¹² via 800-426-7378			

See footnotes for important warranty information
²⁸ US models announced March 24 or April 7, 2009; previous models on November 25 or December 9, 2008, or March 17, 2009

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	Disk	Mini PCIe 802.11 wireless	Color	Blue-tooth	Battery	Preload	Avail date
4187-ERU	Atom N270	1.60	1GB	10.1" WSVGA	Cam	GMA	4GB ² SSD	11b/g ¹¹	Gray	None	6-cell	SLED10	Dec 08

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- **10.1" widescreen display with LED backlight**
- **Super-slim (starting at 0.9 inches thin), ultra-light (starting at 2.43 pounds)**
- **ExpressCard slot for WWAN card**
- **Touch pad supports multi-touch function (pinch, expansion, chiral motion)**
- **Integrated camera**

Positioning	<i>Netbook; consumer markets</i>							Preloaded operating system²⁰					
Processor	Intel® Atom™ Processor N270 with single-core, Hyper-Threading technology, 533MHz system bus, and 512KB L2 cache							- SUSE® Linux™ Enterprise Desktop10 Service Pack 2					
Memory	1GB std / 1.5GB max ⁷ / PC2-5300 667MHz DDR2, non-parity, single-channel, one 200-pin SO-DIMM socket; <i>Italics:</i> standard memory 512MB soldered to systemboard, 512MB in socket; no sockets available							Preloaded applications ¹⁴					
External combo EIDE disk	None 4GB Solid State Drive (SSD) / EIDE, not removable							• Firefox® Web Browser					
Widescreen display	10.1" (256.5mm) WSVGA (1024x576) TFT color, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio							• OpenOffice					
Camera	Camera on top of screen, 1.3-megapixel, fixed focus							• Evolution® email client					
Graphics	Intel Graphics Media Accelerator 950 (GMA 950), in 945GSE							• Pidgin instant messaging client					
Keyboard	6-row, 80-key, 85% size, Fn keys, Novo key, wireless on/off button							• Network Manager					
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch							• GNOME™ Power Manager					
Dimensions ³	3-cell: (WxDxH): 9.8" x 7.2" x 0.9-1.1"; 250mm x 183mm x 22-27.5mm 6-cell: (WxDxH): 9.8" x 7.7" x 0.9-1.4"; 250mm x 196mm x 22-36mm							• AppArmor® Firewall					
Weight ²	3-cell with SSD: starting at 2.43 lb (1.1kg) 6-cell with SSD: starting at 2.87 lb (1.3kg)							• F-Spot photo software					
Case color	Top: dark gray Bottom: dark gray							• GIMP image editor					
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic							• Banshee® music player					
Battery - type	Lithium Ion, 3-cell 2600 mAh or 6-cell 4800 mAh							• RealPlayer®					
Battery - life ¹⁰	3-cell: up to 2.5 hr; 6-cell: up to 5.0 hr							• ClamAV™					
Chipset	Mobile Intel 945GSE Express Chipset (Graphics Memory Controller Hub), ICH7M I/O Controller Hub (SATA 1.5Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)							• Adobe® Reader®					
ExpressCard/34	One slot (ExpressCard/34)							• System Backup Utility					
Multicard reader	4-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card)												
Ports	Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)							40-watt AC adapter RoHS-compliant					
TV tuner	None							Limited Warranty¹²					
Mini PCI Express	One Mini PCI Express slot							↪ Split warranty:					
11b/g ²⁸	11b/g wireless ⁴ , Mini PCIe adapter, Broadcom® BCM4312							1-year for display, disk, systemboard;					
Bluetooth™	None							90-day for other parts					
Modem	None							↪ EasyServ™ depot repair service ¹⁹					
Ethernet	10/100 ethernet, Broadcom® BCM5906, PCI 2.3							↪ International Warranty Service ¹⁷					
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / two stereo speakers (1.5 watt) / microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm)							↪ 24x7 ¹⁶ toll-free support for warranty issues during the warranty period ¹² via 800-426-7378					
Security	Power-on password, supervisor password, security keyhole												
Fingerprint reader	None												

See footnotes for important warranty information
US model announced December 9, 2008

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(KRL1-6) February 2009

**Partial list of accessories supported on:
IdeaPad S9e and S10e****Memory**1 GB PC2-5300 DDR2 SODIMM 40Y7734 *ann 01/05/08***Storage and removable storage**USB 2.0 Essential Memory Key 2GB 41U4944 *ann 01/23/07*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 CD-RW/DVD-ROM Combo II Drive 40Y8637 *ann 01/05/08*USB 2.0 Super Multi-Burner Drive 41N5565 *ann 01/23/07***Expansion**USB 2.0 Lenovo Enhanced Port Replicator 43R8770 *ann 02/26/08***Mouse**Lenovo Wireless Laser Mouse (blk, via USB) 45K1696 *ann 11/25/08*Lenovo Wireless Laser Mouse (red, via USB) 51J0198 *ann 11/25/08*Laser Tilt Wheel Travel Mouse (Bluetooth)⁴⁵ 41U5008 *ann 01/22/08*⁴⁵ Requires Bluetooth enabled IdeaPad systems**Security**Kensington Cable Lock from Lenovo 73P2582 *ann 12/29/03*Kensington Twin Head Cable Lock 45K1620 *ann 09/30/08***Multimedia**USB 2.0 Lenovo Multimedia Headset 40Y8518 *ann 06/27/06*USB 2.0 Lenovo Webcam 40Y8519 *ann 08/29/06***Modem**USB 2.0 Lenovo Modem 43R1814 *ann 02/26/08***Batteries**IdeaPad S9e/S10e Li-Ion Battery 3-cell (blk) 45K1274 *ann 11/25/08*IdeaPad S9e/S10e Li-Ion Battery 6-cell (blk) 45K1275 *ann 11/25/08*IdeaPad S9e/S10e Li-Ion Battery 3-cell (wht) 51J0398 *ann 12/16/08*IdeaPad S9e/S10e Li-Ion Battery 6-cell (wht) 51J0399 *ann 12/16/08*IdeaPad S9e/S10e 40W AC Adapter 41R4441 *ann 11/25/08***Carrying Cases**IdeaPad S9e/S10e Case Sleeve 45K1609 *ann 11/25/08*Lenovo Carrying Case - Messenger Max 41U5253 *ann 05/01/07*Lenovo Standard Case 45K1697 *ann 11/25/08*Lenovo Standard Backpack 45K1698 *ann 11/25/08***Monitors**Lenovo® D185 Wide 18.5" Monitor 6318HB1 *ann 01/27/09*Lenovo L215 Wide 21.5" Monitor 6325HB1 *ann 01/27/09*Lenovo L215p Wide 21.5" Monitor 6325HC1 *ann 01/27/09*ThinkVision® L174 17" Monitor 9227AE1 *ann 04/15/08*ThinkVision L1700p 17" Monitor 9417HE2 *ann 09/17/08*ThinkVision L1940p Wide 19" Monitor 4424HB6 *ann 09/17/08*ThinkVision L200p Wide 20.1" Monitor 4438HB6 *ann 04/15/08*ThinkVision L2240p Wide 22" Monitor 4422HB6 *ann 09/17/08*ThinkVision L2440p Wide 24" Monitor 4420HB2 *ann 09/17/08*ThinkVision L2440x Wide 24" Monitor 4421HB2 *ann 09/17/08***Monitor Accessories⁴⁶**ThinkVision USB Soundbar 40Y7616 *ann 08/23/05*ThinkVision Soundbar 45K1263 *ann 09/16/08*Kensington Cable Lock from Lenovo 73P2582 *ann 12/29/03*Kensington Twin Head Cable Lock 45K1620 *ann 09/30/08*ThinkPad Convertible Monitor Stand 40Y7620 *ann 01/05/06*Radial Arm 19K4464 *ann 05/05/00*⁴⁶ Compatible on selected ThinkVision monitors.**Consumer monitors**Lenovo L195 Wide 19" LCD Monitor 4418HC1 *ann 09/02/08*Lenovo L222 Wide 22" LCD Monitor 4432HF1 *ann 09/02/08*Other accessories at <http://www.lenovo.com/accessories>Accessories Guide pdf at <http://www.lenovo.com/accessoriesguide>

**Partial list of Lenovo® Care Services²²
for IdeaPad® S9e, S10e**

For more information see:

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

Lenovo Care service upgrade options

IdeaPad® S9e, S10e with Split warranty

*Mail in = Mail In repair, ADP = Accidental Damage Protection,
HDDR = Hard Drive Retention*

2-year Mail In warranty 9x5	55Y3556
3-year Mail In warranty 9x5	55Y3557
4-year Mail In warranty 9x5	55Y3558
1-year Mail In warranty 9x5 with ADP	55Y3559
2-year Mail In warranty 9x5 with ADP	55Y3560
3-year Mail In warranty 9x5 with ADP	55Y3561
4-year Mail In warranty 9x5 with ADP	55Y3562
1-year Mail In warranty 9x5 with HDDR	55Y3571
2-year Mail In warranty 9x5 with HDDR	55Y3572
3-year Mail In warranty 9x5 with HDDR	55Y3573
4-year Mail In warranty 9x5 with HDDR	55Y3574

*LOR = Lenovo Onsite Repair, ADP = Accidental Damage Protection,
HDDR = Hard Drive Retention*

1-year LOR 9x5 Next Business Day	55Y3563
2-year LOR 9x5 Next Business Day	55Y3564
3-year LOR 9x5 Next Business Day	55Y3565
4-year LOR 9x5 Next Business Day	55Y3566
1-year LOR 9x5 Next Business Day with ADP	55Y3567
2-year LOR 9x5 Next Business Day with ADP	55Y3568
3-year LOR 9x5 Next Business Day with ADP	55Y3569
4-year LOR 9x5 Next Business Day with ADP	55Y3570
1-year LOR 9x5 Next Business Day with HDDR	55Y3599
2-year LOR 9x5 Next Business Day with HDDR	55Y3600
3-year LOR 9x5 Next Business Day with HDDR	55Y3601
4-year LOR 9x5 Next Business Day with HDDR	55Y3602

ThinkPlus Secure Business

Lenovo Online Data Backup

- Secure offsite data storage
- 256-bit Advanced Encryption System
- Data recovery or access in case of an unforeseen event
- Automatic, remote management
- Choose which business critical data to back up

1-year Lenovo Online Data Backup - 10GB	51J0787
1-year Lenovo Online Data Backup - 25GB	51J0795
1-year Lenovo Online Data Backup - 50GB	45K5849
1-year Lenovo Online Data Backup - Unlimited	45K5870

Note: Supported only on Microsoft® Windows® operating systems

ideapad



Lenovo IdeaPad S10
Classic White



Lenovo IdeaPad S10
Deep Blue



Lenovo IdeaPad S10
Bold Black, Ruby Red,
Deep Blue, Classic White, Pastel Pink



Lenovo IdeaPad S10
Pastel Pink



Lenovo IdeaPad S10
Ruby Red



Lenovo IdeaPad S10
Ruby Red

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	Mini PCIe 802.11 wireless	Color	Blue-tooth	Battery	Preload	Avail date
4231-2BU	Atom N270	1.60	512MB	10.2" WSVGA	Cam	GMA	80GB ⁸	11b/g ¹¹	Black	None	3-cell	XP Home	Aug 08
4231-3AU	Atom N270	1.60	512MB	10.2" WSVGA	Cam	GMA	80GB	11b/g	Black	None	3-cell	XP Home	Sep 08
4231-2CU	Atom N270	1.60	512MB	10.2" WSVGA	Cam	GMA	80GB	11b/g	White	None	3-cell	XP Home	Aug 08
4231-2DU	Atom N270	1.60	512MB	10.2" WSVGA	Cam	GMA	80GB	11b/g	Red	None	3-cell	XP Home	Aug 08
4231-36U	Atom N270	1.60	512MB	10.2" WSVGA	Cam	GMA	80GB	11b/g	Blue	None	3-cell	XP Home	Oct 08
ESP 4231-2AU	Atom N270	1.60	512MB	10.2" WSVGA	Cam	GMA	80GB	11b/g	Pink	None	3-cell	XP Home	Dec 08
4231-3CU	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	Black	None	3-cell	XP Home	Sep 08
4231-3DU	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	Black	None	3-cell	XP Home	Sep 08
ESP 4231-35U	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	Black	None	3-cell	XP Home	Dec 08
ESP 4231-34U	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	White	None	3-cell	XP Home	Dec 08
ESP 4231-33U	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	Red	None	3-cell	XP Home	Dec 08
4231-37U	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	Blue	None	3-cell	XP Home	Oct 08
ESP 4231-32U	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	Pink	None	3-cell	XP Home	Dec 08

- **Lenovo's netbook: smaller and lighter than a notebook**
- **10.2" widescreen, anti-glare display display with LED backlight**
- **Super-slim (starts at 0.9 inches thin), ultra-light (weighs just over 2.43 pounds)**
- **Multiple color choices: black, white, red, blue, or pink (piano finish for red, blue, pink)**
- **Touch pad supports multi-touch function to enhance the experience of user control**
- **Integrated 1.3 megapixel camera**
- **OneKey™ Rescue System includes OneKey Recovery with press of recovery key**

Positioning Processor	<i>Netbook; consumer markets</i> Intel® Atom™ Processor N270 with single-core, Hyper-Threading technology, 533MHz system bus, and 512KB L2 cache	Preloaded operating system ²⁰ - Microsoft® Windows® XP Home Edition
Memory	512MB or 1GB std / 1.5GB max ⁷ / PC2-5300 667MHz DDR2 , non-parity, single-channel, one 200-pin SO-DIMM socket; <i>Italics:</i> standard memory 512MB soldered to systemboard, 512MB in socket; no sockets available; <i>Non-italics:</i> standard memory 512MB soldered to systemboard; one socket available	Preloaded applications ¹⁴ • Lenovo® OneKey Recovery • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Lenovo Energy Management Software
Diskette drive	None	Available at these retailers • lenovo.com • Fry's
External combo SATA disk	None 80GB (5400 rpm) or 160GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, 2.5" platter, not removable	
Widescreen display	10.2" (259.1mm) WSVGA (1024x600) TFT color , anti-glare, LED backlight , 200 nits, 16:10 aspect ratio, 300:1 contrast ratio	40-watt AC adapter ENERGY STAR® 4.0-compliant RoHS-compliant
Camera	Camera on top of screen, 1.3-megapixel, fixed focus	
Graphics	Intel Graphics Media Accelerator 950 (GMA 950) , in 945GSE	Limited Warranty ¹² ⇒ 1-year parts and labor ⇒ Depot repair service ¹⁹ ⇒ Service upgrade options (in eligible locations): ⁹ • 1-year accidental damage protection via depot 43R8885 • 3-year Lenovo Onsite Repair ¹³ 9x5 Next Business Day 43R8883 • 3-year Lenovo Onsite Repair ¹³ 9x5 Next Business Day with accidental damage protection 43R8884 ⇒ 24x7 ¹⁶ toll-free support for warranty issues during the warranty period ¹² via 877-453-6686
Keyboard	6-row, 80-key, 85% size, multimedia Fn keys, recovery key, wireless on/off button	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	(WxDxH): 9.8" x 7.2" x 0.9-1.1"; 250mm x 183mm x 22-27.5mm	
Weight ²	<i>3-cell:</i> starting at 2.43 lb (1.1 kg)	
Case color	<i>Top:</i> multiple color choices: black, white, red, blue, or pink (piano finish for red, blue, pink) <i>Bottom:</i> color matches top color	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion, 3-cell 2600 mAh	
Battery - life ¹⁰	<i>3-cell:</i> up to 2.5 hr	
Chipset	Mobile Intel 945GSE Express Chipset (Graphics Memory Controller Hub), ICH7M I/O Controller Hub (SATA 1.5Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)	
ExpressCard/34	One slot (ExpressCard/34)	
Multicard reader	4-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)	
Ports	Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	
TV tuner	None	
Mini PCI Express	One Mini PCI Express slot	
11b/g ²⁸	11b/g wireless ⁴ , Mini PCIe adapter, Broadcom® BCM4312	
Bluetooth™	None	
Modem	None	
Ethernet	10/100 ethernet, Broadcom® BCM5906, PCI 2.3	
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / two stereo speakers (1.5 watt) / microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm)	
Security	Power-on password, supervisor password, security keyhole,	
Fingerprint reader	None	

See footnotes for important warranty information

ESP US models announced December 10, 2008; previous models on August 19, September 9, or October 7, 2008

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Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	Mini PCIe 802.11 wireless	Color	Blue-tooth	Battery	Preload	Avail date
4231-A8U	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB ⁸	11b/g ¹¹	Black	None	3-cell	XP Home	Mar 09
4231-A9U	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	White	None	3-cell	XP Home	Mar 09
4231-AAU	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	Pink	None	3-cell	XP Home	Mar 09
4231-ABU	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	Red	None	3-cell	XP Home	Mar 09
4231-ACU	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	Blue	None	3-cell	XP Home	Mar 09
4231-ADU	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	Pink	None	6-cell	XP Home	Mar 09
4231-AEU	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	Red	None	6-cell	XP Home	Mar 09
4231-AFU	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	White	None	6-cell	XP Home	Mar 09
4231-AGU	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	Black	None	6-cell	XP Home	Mar 09
4231-AJU	Atom N270	1.60	1GB	10.2" WSVGA	Cam	GMA	160GB	11b/g	Blue	None	6-cell	XP Home	Mar 09

- **Lenovo's netbook: smaller and lighter than a notebook**
- **10.2" widescreen, anti-glare display display with LED backlight**
- **Super-slim (starts at 0.9 inches thin), ultra-light (weighs just over 2.43 pounds)**
- **Multiple color choices: black, white, red, blue, or pink (piano finish for red, blue, pink)**
- **Touch pad supports multi-touch function to enhance the experience of user control**
- **Integrated 1.3 megapixel camera and Lenovo's VeriFace™ face recognition software helps control access to your notebook by recognizing your face.**
- **OneKey™ Rescue System includes OneKey Recovery with press of recovery key**
- **Lenovo® Quick Start: Utility for quick access to Web, music, photos, chat, and Skype® without booting Windows**

Positioning	<i>Netbook; consumer markets</i>		Preloaded operating system²⁰ - Microsoft® Windows® XP Home Edition Preloaded applications¹⁴ • Lenovo® OneKey Recovery • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Lenovo Energy Management Software • VeriFace™ Facial Recognition
Processor	Intel® Atom™ Processor N270 with single-core, Hyper-Threading technology, 533MHz system bus, and 512KB L2 cache		
Memory	1GB std / 1.5GB max ⁷ / PC2-5300 667MHz DDR2 , non-parity, single-channel, one 200-pin SO-DIMM socket;		
Diskette drive	None		
External combo	None		
SATA disk	160GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, 2.5" platter, not removable		
Widescreen display	10.2" (259.1mm) WSVGA (1024x600) TFT color , anti-glare, LED backlight , 200 nits, 16:10 aspect ratio, 300:1 contrast ratio		
Camera	Camera on top of screen, 1.3-megapixel, fixed focus		
Graphics	Intel Graphics Media Accelerator 950 (GMA 950) , in 945GSE		
Keyboard	6-row, 80-key, 85% size, multimedia Fn keys, recovery key, wireless on/off button		
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch		
Dimensions ³	3-cell: (WxDxH): 9.8" x 7.2" x 0.9-1.1"; 250mm x 183mm x 22-27.5mm 6-cell: (WxDxH): 9.8" x 7.7" x 0.9-1.4"; 250mm x 196mm x 22-36mm		
Weight ²	3-cell: starting at 2.43 lb (1.1 kg)		
Case color	6-cell: starting at 2.87 lb (1.3 kg) Top: multiple color choices: black, white, red, blue, or pink (piano finish for red, blue, pink) Bottom: color matches top color		
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic		
Battery - type	Lithium Ion, 3-cell or 6-cell		
Battery - life ¹⁰	3-cell: up to 2.5 hr; 6-cell: up to 5.0 hr		
Chipset	Mobile Intel 945GSE Express Chipset (Graphics Memory Controller Hub), ICH7M I/O Controller Hub (SATA 1.5Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)		
ExpressCard/34	One slot (ExpressCard/34)		
Multicard reader	4-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)		
Ports	Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)		
TV tuner	None		
Mini PCI Express	One Mini PCI Express slot		
11b/g ²⁸	11b/g wireless ⁴ , Mini PCIe adapter, Broadcom® BCM4312		
Bluetooth™	None		
Modem	None		
Ethernet	10/100 ethernet, Broadcom® BCM5906, PCI 2.3		
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / two stereo speakers (1.5 watt) / microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm)		
Security	Power-on password, supervisor password, security keyhole,		
Fingerprint reader	None		
Limited Warranty¹² ⇨ 1-year parts and labor ⇨ Depot repair service¹⁹ ⇨ Service upgrade options (in eligible locations):⁹ <ul style="list-style-type: none"> • 1-year accidental damage protection via depot 43R8885 • 3-year Lenovo Onsite Repair¹³ 9x5 Next Business Day 43R8883 • 3-year Lenovo Onsite Repair¹³ 9x5 Next Business Day with accidental damage protection 43R8884 ⇨ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686			

See footnotes for important warranty information
 US models announced March 17, 2009

**Partial list of accessories supported on:
IdeaPad S10, U110, U330, Y430, Y510, Y530, Y710, and Y730****Storage and removable storage**

USB 2.0 MyKey E10 Flash Drive 1GB	45J7701	ann 04/29/08
USB 2.0 MyKey E10 Flash Drive 2GB	45J7702	ann 04/29/08
USB 2.0 MyKey E10 Flash Drive 4GB	45J7703	ann 04/29/08
USB 2.0 MiniKey M10D1 Flash 2GB (gray)	45J7752	ann 05/20/08
USB 2.0 MiniKey M10D2 Flash 2GB (black)	45J7754	ann 05/20/08
USB 2.0 MiniKey M10E1 Flash 2GB (teal)	45J7756	ann 05/20/08
USB 2.0 MiniKey M10E2 Flash 2GB (pink)	45J7758	ann 05/20/08
USB 2.0 Essential Memory Key 2GB	41U4944	ann 01/23/07
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 Security Memory Key 4GB	41U5120	ann 07/17/07
USB 2.0 DataSlim E16 Portable HD 160GB	45J7700	ann 04/29/08
USB 2.0 Portable 160GB Hard Disk	43R1784	ann 09/23/08
USB 2.0 Portable Secure 160GB Hard Disk	43R2018	ann 11/18/08
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	ann 11/18/08

Keyboard

Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
Wireless Kybd & Opt Wheel Mouse (via USB)	73P4067	ann 12/07/04
USB Keyboard with UltraNav	31P8950	ann 01/28/03
USB Travel Keyboard with UltraNav	31P9490	ann 04/27/04

Mouse

Laser Tilt Wheel Mouse (USB, PS/2)	41U3074	ann 01/23/07
IdeaPad Mini Optical Mouse M10 (black)	47J7729	ann 06/17/08
IdeaPad Mini Optical Mouse M10A (black)	45J7730	ann 07/15/08
Lenovo® Mini Optical Mouse M30 (black)	47J7735	ann 06/17/08
Lenovo Mini Optical Mouse M30 (white)	47J7736	ann 06/17/08
Lenovo Mini Optical Mouse M30 (red)	47J7737	ann 06/17/08
Lenovo Mini Optical Mouse M30 (blue)	47J7738	ann 06/17/08
Mini Wireless Laser Mouse N10 (black)	45J7731	ann 06/17/08
Mini Wireless Laser Mouse N10 (red)	45J7732	ann 06/17/08

Batteries

S10		
IdeaPad S9/S10 Li-Ion Battery 6-cell (white)	45K2177	ann 12/16/08
IdeaPad S9/S10 Li-Ion Battery 6-cell (black)	45K2178	ann 12/16/08
<i>Y510, Y530, Y710, and Y730</i>		
Lenovo Y510/Y710 Li-Ion Battery 6-cell	45J7706	ann 04/29/08
S10		
IdeaPad S9/S10 40W AC Adapter (white)	45K2200	ann 11/18/08
IdeaPad S9/S10 40W AC Adapter (black)	45K2209	ann 11/18/08
<i>U110 and Y510</i>		
IdeaPad 90W Slim AC/DC Combo Adapter	41N8460	ann 12/18/07
<i>U330, Y430, Y510, Y530, and Y730⁴⁵</i>		
Lenovo 90W AC Adapter	45J7717	ann 08/12/08
⁴⁵ Only compatible with the integrated graphic models of Y730		

Carrying Cases

S10		
IdeaPad 10" Sleeve S110 (pink and gray)	45K2171	ann 10/14/08
<i>S10, U110 and U330</i>		
Women's Executive Red Leather Tote	22P8858	
Lenovo Women's Tote L34 (brown)	45J7728	ann 06/03/08
<i>S10, U110, U330, Y430, Y510, and Y530</i>		
IdeaPad Wenger® Backpack	45K1397	ann 10/14/08
IdeaPad B450 Backpack (pink)	55Y2034	ann 01/06/09
Lenovo Entry 15" Backpack B10	45J5468	ann 07/15/08
Lenovo 15" Top Loader T35 (black)	45J7726	ann 06/03/08
Lenovo Carrying Case - Backpack	40Y8603	ann 05/01/07
Lenovo Carr Case - Performance Backpack	41U5254	ann 05/01/07
ThinkPad Sleek Backpack	41A4277	
Lenovo Standard Case	45K1697	ann 11/25/08
Lenovo Standard Backpack	45K1698	ann 11/25/08

Monitors

Lenovo® D185 Wide 18.5" Monitor	6318HB1	ann 01/27/09
Lenovo L215 Wide 21.5" Monitor	6325HB1	ann 01/27/09
Lenovo L215p Wide 21.5" Monitor	6325HC1	ann 01/27/09
ThinkVision® L174 17" Monitor	9227AE1	ann 04/15/08
ThinkVision L1700p 17" Monitor	9417HE2	ann 09/17/08
ThinkVision L1940p Wide 19" Monitor	4424HB6	ann 09/17/08
ThinkVision L200p Wide 20.1" Monitor	4438HB6	ann 04/15/08
ThinkVision L2240p Wide 22" Monitor	4422HB6	ann 09/17/08
ThinkVision L2440p Wide 24" Monitor	4420HB2	ann 09/17/08
ThinkVision L2440x Wide 24" Monitor	4421HB2	ann 09/17/08

Monitor Accessories⁴⁶

ThinkVision USB Soundbar	40Y7616	ann 08/23/05
ThinkVision Soundbar	45K1263	ann 09/16/08
Kensington Cable Lock from Lenovo	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
ThinkPad Convertible Monitor Stand	40Y7620	ann 01/05/06
Radial Arm	19K4464	ann 05/05/00

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

Lenovo L195 Wide 19" LCD Monitor	4418HC1	ann 09/02/08
Lenovo L222 Wide 22" LCD Monitor	4432HF1	ann 09/02/08

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

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

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

Footnotes:

- ¹ Power management, including Intel® SpeedStep® Technology, reduces processor speed when in battery mode.
- ² **Weight** includes battery and standard optical drive; weight may vary due to vendor components, manufacturing process and options.
- ³ **Thinness** may vary at certain points on the system.
- ⁴ **Wireless capability:** Requires compatible wireless-enabled options sold separately.
- ⁵ **Post-warranty annual maintenance agreement:** Service begins at the end of the base warranty or the end of any other applied warranty and maintenance option, whichever occurs last. Service delivery is not available the same day the maintenance agreement is purchased. Maintenance agreements must be purchased and the registration successfully completed prior to the service being available.
- ⁶ **Public network download modem speeds** are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.
- ⁷ **Maximum memory capacity** may require the replacement of standard component with largest supported component available. 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.
- ⁸ **Service upgrade options:** 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.
- 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.
- ¹¹ **Wireless:** Based on IEEE 802.11a, 802.11b, and 802.11g respectively. An adapter with 11a/b, 11b/g, or 11a/b/g can communicate on either/any of these listed formats respectively, the actual connection will be based on the access point to which it connects.
- ¹² **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.
- ¹³ **Onsite Repair:** If a machine is listed as having "On-site", this means that on-site service is available for the replacement of parts for warranty repairs. Certain parts, referred to as Customer Replaceable Unit ("CRU") parts, are easy to install and require little or no tools or technical knowledge. Some examples of CRU parts are mice, keyboards, hard disk drives, speakers, and memory. If your problem can be resolved with a CRU, the Support Center will offer to ship the part to you for you to install.
- ¹⁴ **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.
- ¹⁵ **Modem speeds:** Public network download speeds are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.
- ¹⁶ **Response times may vary.** May exclude some holidays. Telephone support may be subject to additional charges.
- ¹⁷ **International Warranty Service** is available for most products 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 and may exclude some holidays.
- ¹⁹ **Depot repair service:** In the United States call 1-877-453-6686. The customer may be asked certain diagnostic questions before a courier is sent. Your purchase includes this depot repair service, available in the U.S. during the limited warranty period.
- ²⁰ **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to lenovo.com/pc/support and enter your machine type and model number for more information.
- ²¹ **For combination drives,** maximum possible speeds only are given in the following order: CD write, CD rewrite, CD read, DVD read.
- ²² **Lenovo Care Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part can be express shipped to you for quick replacement. For notebooks requiring LCD or other component replacement, Lenovo may choose to perform service at the depot repair center. Calls must be received by 5 pm local time in order to qualify for Next Business Day service. P&L means parts and labor. P/U means pick-up. See terms and conditions for complete details and restrictions.

²⁵ **Wireless WAN Cards:** Wireless data service requires separate agreement with Verizon Wireless. Verizon Wireless, not Lenovo, is solely responsible for service. Monthly and airtime charges may apply. Service may not be available in all areas; purchaser is responsible for verifying with Verizon Wireless that service is available for the intended location before the purchase of the card. For complete details, including service plans, additional required hardware or software, and service coverage, visit www.verizonwireless.com.

²⁸ **The IEEE 802.11n specification (MIMO)** has not been finalized and is currently in draft release. The Lenovo 11a/b/g/n (11n) Wireless LAN Mini PCI Express Adapters are based on the Draft Release, Version 1.0, 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.



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ENERGY STAR: As an ENERGY STAR Partner, Lenovo has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

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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