



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**

Education models are available only to public or private K-12 or higher accredited schools organized and operated exclusively for educational purposes for use by qualified students and teachers.

Positioning	<i>Netbook; education 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 ³¹ / 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 applications¹⁴					
External combo SATA disk	None 80GB (5400 rpm) HDD / SATA 1.5Gb/s, 9.5mm high, 2.5" wide, not removable							• Education software (HDD only)					
Widescreen display	8.9" (226.1mm) WSVGA (1024x600) TFT color, LED backlight, 180 nits, 16:10 aspect ratio, 300:1 contrast ratio							- VitalSource Library College Edition					
Camera	Camera on top of screen, 0.3-megapixel, fixed focus							- Adobe® Instructor Resource Center					
Graphics	Intel Graphics Media Accelerator 950 (GMA 950), in 945GSE							- Adobe Digital School Collection					
Keyboard	6-row, 80-key, 85% size, Fn keys, Novo key, wireless on/off button							- Photoshop Elements 6 (and CD)					
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch							- Premier Elements 4 (and DVD)					
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							- Acrobat 8 Professional					
Weight ²	3-cell with HDD: starting at 2.65 lb (1.2kg) 6-cell with HDD: starting at 2.87 lb (1.3kg)							- Contribute 4					
Case color	Top: dark gray Bottom: dark gray							• ThinkVantage® System Update					
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic							• Norton Internet Security™ (90 days of virus definitions)					
Battery - type	Lithium Ion, 3-cell 2600 mAh or 6-cell 4800 mAh							• PC-Doctor™ (diagnostics) (HDD models)					
Battery - life ¹⁰	3-cell: up to 2.5 hr; 6-cell: up to 5.0 hr							• Adobe Reader® (HDD models)					
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 Flash® Player					
ExpressCard/34	One slot (ExpressCard/34)							• Windows Live™ Toolbar					
Multicard reader	4-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card)							• Microsoft Office 2007 Trial (60-day) (HDD models)					
Ports	Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)							40-watt AC adapter ENERGY STAR® 4.0-compliant 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) / stereo 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

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(KRL1-1) December 2008

IdeaPad™ S9e (4187) - Education (Linux)

Personal Systems Reference (PSREF)

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

- **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**

Education models are available only to public or private K-12 or higher accredited schools organized and operated exclusively for educational purposes for use by qualified students and teachers.

Positioning	<i>Netbook; education 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 ³¹ / 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	<i>3-cell:</i> (WxDxH): 9.8" x 7.2" x 0.9-1.1"; 250mm x 183mm x 22-27.5mm <i>6-cell:</i> (WxDxH): 9.8" x 7.7" x 0.9-1.4"; 250mm x 196mm x 22-36mm							• AppArmor® Firewall					
Weight ²	<i>3-cell with SSD:</i> starting at 2.43 lb (1.1kg) <i>6-cell with SSD:</i> starting at 2.65 lb (1.2kg)							• F-Spot photo software					
Case color	<i>Top:</i> dark gray <i>Bottom:</i> 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	<i>3-cell:</i> up to 2.5 hr; <i>6-cell:</i> 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					
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) / stereo 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

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Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	Disk	Mini PCIe 802.11 wireless	Color	Blue-tooth	Battery	Preload	Avail date
4187-39U	Atom N270	1.60	512MB	10.1" WSVGA	Cam	GMA	80GB ² HDD	11b/g ¹¹	Gray	Blue	3-cell	XP Home	Nov 08
4187-3AU	Atom N270	1.60	1GB	10.1" WSVGA	Cam	GMA	80GB HDD	11b/g	Gray	Blue	6-cell	XP Home	Dec 08

- **Lenovo's netbook: smaller and lighter than a notebook**
- **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**
- **Lenovo Quick Start: Utility for quick access to Web, music, photos, chat, and Skype® without booting Windows**

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Positioning	<i>Netbook; education 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 ³¹ / 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 applications¹⁴					
External combo SATA disk	None 80GB (5400 rpm) HDD / SATA 1.5Gb/s, 9.5mm high, 2.5" wide, not removable							• Education software (HDD only)					
Widescreen display	10.1" (256.5mm) WSVGA (1024x576) TFT color, LED backlight , 200 nits, 16:9 aspect ratio, 300:1 contrast ratio							- VitalSource Library College Edition					
Camera	Camera on top of screen, 1.3-megapixel, fixed focus							- Adobe® Instructor Resource Center					
Graphics	Intel Graphics Media Accelerator 950 (GMA 950) , in 945GSE							- Adobe Digital School Collection					
Keyboard	6-row, 80-key, 85% size, Fn keys, Novo key, wireless on/off button							- Photoshop Elements 6 (and CD)					
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch							- Premier Elements 4 (and DVD)					
Dimensions ³	<i>3-cell:</i> (WxDxH): 9.8" x 7.2" x 0.9-1.1"; 250mm x 183mm x 22-27.5mm <i>6-cell:</i> (WxDxH): 9.8" x 7.7" x 0.9-1.4"; 250mm x 196mm x 22-36mm							- Acrobat 8 Professional					
Weight ²	<i>3-cell:</i> starting at 2.65 lb (1.2 kg) <i>6-cell:</i> starting at 3.09 lb (1.4 kg)							- Contribute 4					
Case color	<i>Top:</i> dark gray <i>Bottom:</i> dark gray							• ThinkVantage® System Update					
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic							• Norton Internet Security™ (90 days of virus definitions)					
Battery - type	Lithium Ion, 3-cell 2600 mAh or 6-cell 4800 mAh							• PC-Doctor™ (diagnostics) (HDD models)					
Battery - life ¹⁰	<i>3-cell:</i> up to 2.5 hr; <i>6-cell:</i> up to 5.0 hr							• Adobe Reader® (HDD models)					
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 Flash® Player					
ExpressCard/34	One slot (ExpressCard/34)							• Windows Live™ Toolbar					
Multicard reader	4-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card)							• Microsoft Office 2007 Trial (60-day) (HDD models)					
Ports	Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)							40-watt AC adapter ENERGY STAR® 4.0-compliant 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™	<i>Some:</i> Bluetooth 2.1 wireless, LED indicator							90-day for other parts					
Modem	None							↪ EasyServ™ depot repair service¹⁹					
Ethernet	10/100 ethernet, Broadcom® BCM5906, PCI 2.3							↪ International Warranty Service¹⁷					
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / two stereo speakers (1.5 watt) / stereo microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm)							↪ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 800-426-7378					
Security	Power-on password, supervisor password, security keyhole												
Fingerprint reader	None												

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IdeaPad™ S10e (4187) - Education (Linux)

Personal Systems Reference (PSREF)

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

- **Lenovo's netbook: smaller and lighter than a notebook**
- **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**

Education models are available only to public or private K-12 or higher accredited schools organized and operated exclusively for educational purposes for use by qualified students and teachers.

Positioning	<i>Netbook; education 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 ³¹ / 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												
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) / stereo 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 model announced December 9, 2008

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**Partial list of accessories supported on:
IdeaPad S9e and S10e****Memory**

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

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 01/05/06*
 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

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 (L1900p, 24" Wide) 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® ThinkPlus Services⁷
for IdeaPad® S9e/S10e**

For more information see:

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

ThinkPlus service upgrade options

IdeaPad® S9e/S10e with Split warranty

Depot = Depot repair, ADP = Accidental Damage Protection

1-year Depot warranty 9x5	51J0704
2-year Depot warranty 9x5	51J0703
3-year Depot warranty 9x5	51J0702
4-year Depot warranty 9x5	51J0808
1-year Depot warranty 9x5 with ADP	51J0699
2-year Depot warranty 9x5 with ADP	51J0698
3-year Depot warranty 9x5 with ADP	51J0810
4-year Depot warranty 9x5 with ADP	51J0814

LOR = Lenovo Onsite Repair, ADP = Accidental Damage Protection

1-year LOR 9x5 Next Business Day	51J0701
2-year LOR 9x5 Next Business Day	51J0700
3-year LOR 9x5 Next Business Day	55Y3380
4-year LOR 9x5 Next Business Day	51J0809
1-year LOR 9x5 Next Business Day with ADP	51J0811
2-year LOR 9x5 Next Business Day with ADP	51J0812
3-year LOR 9x5 Next Business Day with ADP	51J0813
4-year LOR 9x5 Next Business Day with ADP	51J0815

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 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 ³¹ / 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 • Circuit City®
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	<i>(WxDxH):</i> 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) / stereo 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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**Partial list of accessories supported on:
IdeaPad S10, U110, U330, Y430, Y510, Y530, Y710, and Y730**
Memory

U110, Y510, and Y710

1GB Y-Series PC2-5300 DDR2 SODIMM 43R1979 *ann 09/25/07***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 1GB 41U4940 *ann 01/23/07*
 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 1GB 41U5118 *ann 07/17/07*
 USB 2.0 Security Memory Key 2GB 41U5119 *ann 07/17/07*
 USB 2.0 Security Memory Key 4GB 41U5120 *ann 07/17/07*
 USB 2.0 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*

Y510, Y530, Y710, and Y730Lenovo 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*

U110 and Y510IdeaPad 90W Slim AC/DC Combo Adapter 41N8460 *ann 12/18/07***U330, Y430, Y510, Y530, and Y730⁴⁵**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***S10, U110 and U330**

Women's Executive Red Leather Tote 22P8858

Lenovo Women's Tote L34 (brown) 45J7728 *ann 06/03/08***S10, U110, U330, Y430, Y510, and Y530**IdeaPad Wenger® Backpack 45K1397 *ann 10/14/08*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**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 (L1900p, 24" Wide) 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>Need to buy accessories no longer marketed by Lenovo? See <http://www.itxchange.com/lenovo> for the Options Continuation Program.

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 With Intel SpeedStep, processor speed may be reduced to conserve battery power.
- 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 speeds** are limited to 53Kbps. Upload speeds are limited to 31.2Kbps. Compatible phone line and server equipment required. Actual speeds depend on many factors and are often less than the maximum possible.
- ⁷ **Maximum memory and hard disk drive capacity** may require the replacement of standard component with largest supported component available.
- 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.

³¹ **Maximum memory capacity** may require the replacement of standard component with largest supported component available. On systems with an Intel GM965 or PM965 chipset, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by an operating system will be limited to 3GB. This limitation does not exist with the Intel GM965 and PM965 with the 64-bit operating systems Windows XP Professional 64-bit and Windows Vista 64-bit Editions.



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