

ideapad



Lenovo IdeaPad U150



Lenovo IdeaPad U150



Lenovo IdeaPad U150
red cover



Lenovo IdeaPad U150



Lenovo IdeaPad U150



Lenovo IdeaPad U150
black cover

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	Mini PCIe 802.11 wireless	Top color	Blue-tooth	Battery	Win7 preload	Avail date
6909-68U	SU4100	1.30	3GB	11.6" HD	1.3M	GMA 4500MHD	250GB ⁸	11b/g ¹¹	Red	Blue	6-cell	Prem 64	Nov 09
6909-69U	SU7300	1.30	4GB	11.6" HD	1.3M	GMA 4500MHD	320GB	Intel 5100 ²⁸	Black	Blue	6-cell	Prem 64	Nov 09

- **Super-slim (starts at 0.5 inches thin), ultra-light (weighs just over 3.52 pounds)**
- **11.6" HD widescreen, glossy display with LED backlight**
- **Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face**
- **Dolby® Home Sound Room™ premium audio system with two stereo speakers**
- **HDMI port, HDCP-compliant**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processor	<i>Widescreen flexibility; one-spindle</i> Intel® Pentium® processor SU4100 with ultra low voltage, dual-core , 800MHz system bus, and 2MB L2 cache or Intel Core™ 2 Duo processor SU7300 with ultra low voltage, dual-core , 800MHz system bus, and 3MB L2 cache	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) <ul style="list-style-type: none">• Lenovo™ OneKey Recovery• Lenovo ReadyComm• McAfee VirusScan® Plus 2009 (30 days of virus definitions)• Adobe® Reader• Windows Live™ Toolbar• Easy Capture• VeriFace™• Lenovo Energy Management Software
Memory	3GB or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available	
Diskette drive	None	
Optical drive	None	
SATA disk	250GB (5400 rpm) or 320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable Active Protection System™	
Widescreen display	11.6" (294.6mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy), LED backlight , 200 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 1.3-megapixel, fixed focus	
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GS45, External monitor support via analog VGA DB-15 connector / digital HDMI connector	
Keyboard	Full-size keyboard, 6-row, Fn keys, recovery button	
Light sensor	None	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	<i>6-cell: (WxDxH):</i> 11.4" x 7.5" x 0.5-1.35"; 290mm x 191.5mm x 13.5-34.3mm	40-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Weight ²	<i>6-cell:</i> starting at 3.31 lb (1.5kg)	
Case color	Black or red top with texture; black bottom	
Case material	<i>Top:</i> Aluminum <i>Bottom:</i> Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion, 6-cell	
Battery - life ¹⁰	<i>6-cell:</i> up to 7 hr	
Chipset	Mobile Intel GS45 Express Chipset (Graphics Memory Controller Hub), 82801IUX-SFF I/O Controller Hub (ICH9M-SFF)	
ExpressCard/34	None	
Multicard reader	4-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)	
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	Limited Warranty ¹² ⇒ 1-year parts and labor ⇒ Depot repair service ¹⁹ ⇒ 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 ⇒ 24x7 ¹⁶ toll-free support for warranty issues during the warranty period ¹² via 877-453-6686
Mini PCI Express	Two 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)	
11b/g ¹¹	<i>Some:</i> 11b/g wireless ⁴ , Mini PCIe adapter, Broadcom® BCM4312	
Bluetooth™	Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator	
Modem	None	
Ethernet	Gigabit ethernet, Broadcom 57780	
Audio support	High Definition (HD) Audio, Conexant CX 20582 codec / two stereo speakers (1.5 watt), Dolby Home Sound Room audio system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security keyhole	
Fingerprint reader	None	

See footnotes for important warranty information
US models announced November 3, 2009

Intel Centrino® 2 processor technology

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(CH1-2) November 2009



Lenovo IdeaPad U330



Lenovo IdeaPad U330



Lenovo IdeaPad U330



Lenovo IdeaPad U330



Lenovo IdeaPad U330



Lenovo IdeaPad U330

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Battery	Vista preload	Avail date
2267-65U	T4200	2.00	2GB	13.3" WXGA	Cam	GMA 4500MHD	250GB ⁸	DVD±RW	11b/g ¹¹	Black	6-cell	Prem 32	Oct 09
2267-58U	T4200	2.00	3GB	13.3" WXGA	Cam	GMA 4500MHD	320GB	DVD±RW	11b/g	Black	6-cell	XP Pro	Oct 09
2267-64U	T4200	2.00	3GB	13.3" WXGA	Cam	GMA 4500MHD	320GB	DVD±RW	11b/g	Black	6-cell	Prem 32	Oct 09

- *The "U" series is about expressing ideas with style*
- *Super-slim (starts at 0.9 inches thin), ultra-light (weighs just over 4 pounds)*
- *13.3" widescreen, glossy display with LED backlight*
- *Integrated 1.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face*
- *Dolby® Home Theater® premium audio system with two stereo speakers*
- *Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows*

Positioning Processor	Widescreen flexibility; two-spindle Intel® Pentium® processor T4200 with dual-core , 800MHz system bus, and 1MB L2 cache		Preloaded operating system ²⁰ - <i>Some:</i> Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business) - <i>Some:</i> Genuine Windows Vista Home Premium 32 ✧ <i>Vista models:</i> Vista Premium logo Preloaded applications ¹⁴ (only some listed) • Lenovo® OneKey Recovery • Lenovo ReadyComm • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Easy Capture • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
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		
Diskette drive	None		
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 9.5mm high, tray-in		
SATA disk	250GB (5400 rpm) or 320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable Active Protection System™		
Widescreen display	13.3" (337.8mm) WXGA (1280x800) TFT color, VibrantView (glossy), LED backlight , 300 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 4500MHD (GMA 4500MHD), in GM45		
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys		
Multimedia controls	Touch-sensitive audio-video control panel, Shuttle Key		
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)		
Dimensions ³	(WxDxH): 12.5" x 9.3" x 0.9-1.1"; 318mm x 237mm x 23-28mm		
Weight ²	6-cell: starting at 4.32 lb (1.96kg)		
Case color	Black top, black bottom		
Case material	Top: magnesium-aluminum alloy; Bottom: magnesium-aluminum alloy		
Battery - type	Lithium Ion, 6-cell 5200 mAh		
Battery - life ¹⁰	Up to 5.5 hr (integrated graphics)		
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)		
ExpressCard/34	One slot (ExpressCard/34)		
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)		
Ports	Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)		
TV tuner	None		
Mini PCI Express	One Mini PCI Express slot		
11b/g ¹¹	11b/g wireless ⁴ , Mini PCIe adapter, Broadcom® BCM4312		
Bluetooth™	Bluetooth 2.0 wireless, USB 2.0 interface via ICH9M, LED indicator		
Modem	None		
Ethernet	10/100 ethernet, Broadcom® BCM5906M, PCI 2.3		
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / two stereo speakers (1.5 watt), Dolby Home Theater speaker system / dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)		
Security	Power-on password, hard disk password, supervisor password, security keyhole		
Fingerprint reader	None		
			90-watt AC adapter Wireless on/off switch RoHS-compliant
			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

See footnotes for important warranty information
US models announced September 30, 2009

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(OLP1-3) October 2009

Type-model	Pro cessor	GHz	Memory	Widescreen display	Cam- era	Switchable graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Battery	Vista preload	Avail date
✖ 2267-2DU	T6400	2.00	2GB	13.3" WXGA	Cam	GMA, HD 3450	250GB ⁸	DVD±RW	* Intel 5100 ²⁸	Black	6-cell	Prem 32	Apr 09
✖ 2267-2EU	T6400	2.00	2GB	13.3" WXGA	Cam	GMA, HD 3450	320GB	DVD±RW	* Intel 5100	Black	6-cell	Prem 32	Apr 09
2267-2BU	P7350	2.00	2GB	13.3" WXGA	Cam	GMA, HD 3450	250GB	DVD±RW	✧ Intel 5100	Glossy black	6-cell	Prem 32	Aug 08
2267-3AU	P7350	2.00	3GB	13.3" WXGA	Cam	GMA, HD 3450	250GB	DVD±RW	✧ Intel 5100	Glossy black	6-cell	Prem 32	Sep 08
2267-2AU	P7350	2.00	3GB	13.3" WXGA	Cam	GMA, HD 3450	320GB	DVD±RW	✧ Intel 5100	Glossy black	6-cell	Prem 32	Aug 08
2267-2FU	P7450	2.13	3GB	13.3" WXGA	Cam	GMA, HD 3450	320GB	DVD±RW	✧ Intel 5100	Black	6-cell	Prem 32	May 09
2267-2CU	P8600	2.40	4GB	13.3" WXGA	Cam	GMA, HD 3450	320GB	DVD±RW	✧ Intel 5100	Black	6-cell	Prem 64	Apr 09
2267-2GU	P7450	2.13	2GB	13.3" WXGA	Cam	GMA, HD 3450	250GB	DVD±RW	✧ Intel 5100	Black	6-cell	Prem 32	Oct 09
2267-2FU	P7450	2.13	3GB	13.3" WXGA	Cam	GMA, HD 3450	320GB	DVD±RW	✧ Intel 5100	Black	6-cell	Prem 32	Oct 09

- The "U" series is about expressing ideas with style
- Super-slim (starts at 0.9 inches thin), ultra-light (weighs just over 4 pounds)
- 13.3" widescreen, glossy display with LED backlight
- Dynamic switching between discrete and integrated graphics (user selectable)
- Integrated 1.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face
- Dolby® Home Theater® premium audio system with two stereo speakers
- HDMI port, HDCP-compliant
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ 2 Duo processor T6400 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7350, P7450, or P8600 with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache	Preloaded operating system ²⁰ - Some: Genuine Windows® Vista® Home Premium 32 - Some: Genuine Windows Vista Home Premium 64 ✧ Vista Premium logo
Memory	2GB, 3GB, or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available	Preloaded applications ¹⁴ (only some listed) • Lenovo® OneKey Recovery • Lenovo ReadyComm • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Easy Capture • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 9.5mm high, tray-in 250GB (5400 rpm) or 320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable Active Protection System™	
Widescreen display Camera	13.3" (337.8mm) WXGA (1280x800) TFT color, VibrantView (glossy), LED backlight , 300 nits, 16:10 aspect ratio, 300:1 contrast ratio, frameless screen Camera on top of screen, 1.3-megapixel, fixed focus	
Switchable graphics	Dynamic switching between discrete and integrated graphics (user selectable), Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, and ATI™ Mobility Radeon™ HD 3450 , PCI Express® x16, 256MB memory, DirectX® 10, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant	
Keyboard Multimedia controls Touch pad	Full-size keyboard, 6-row, 84-key, multimedia Fn keys Touch-sensitive audio-video control panel, Shuttle Key Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	(WxDxH): 12.5" x 9.3" x 0.9-1.1"; 318mm x 237mm x 23-28mm 6-cell: starting at 4.32 lb (1.96kg) Black or high glossy black top, black bottom Top: magnesium-aluminum alloy; Bottom: magnesium-aluminum alloy Lithium Ion, 6-cell 5200 mAh Up to 3.5 hr (discrete graphics); up to 5.5 hr (integrated graphics)	
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)	90-watt AC adapter Wireless on/off switch RoHS-compliant
ExpressCard/34 Multicard reader	One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)	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
Ports	Two USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)	
TV tuner Mini PCI Express Intel 5100 ²⁸ Bluetooth™ Modem Ethernet Audio support	None One Mini PCI Express slot 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) Bluetooth 2.0 wireless, USB 2.0 interface via ICH9M, LED indicator None 10/100 ethernet, Broadcom® BCM5906M, PCI 2.3 High Definition (HD) Audio, RealTek® ALC269 codec / two stereo speakers (1.5 watt), Dolby Home Theater speaker system / dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm) Power-on password, hard disk password, supervisor password, security keyhole	
Security Fingerprint reader	None	

See footnotes for important warranty information

* Intel Centrino® processor technology

✖ US models announced September 30, 2009;

✧ Intel Centrino 2 processor technology

previous models on August 19 or September 9, 2008 or April 22 or May 27, 2009

✖ US models withdrawn effective October 2009

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(OLP1-1) October 2009



Lenovo IdeaPad U350



Lenovo IdeaPad U350



Lenovo IdeaPad U350 with
with Lizard Skin pattern cover



Lenovo IdeaPad U350 cover



Lenovo IdeaPad U350



Lenovo IdeaPad U350
Lightweave pattern cover

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	Chipset	Mini PCIe 802.11 wireless	Top color	Blue-tooth	Battery	Vista preload	Avail date
2963-25U	SU2700	1.30	2GB	13.3" WXGA	Cam	GMA 4500M	250GB ⁸	GS40	Intel 5100 ²⁸	Black	Blue	4-cell	Prem 32	Jun 09
2963-26U	SU2700	1.30	3GB	13.3" WXGA	Cam	GMA 4500M	250GB	GS40	Intel 5100	Black	Blue	4-cell	Prem 32	Jun 09
2963-27U	SU2700	1.30	3GB	13.3" WXGA	Cam	GMA 4500M	320GB	GS40	Intel 5100	Black	Blue	4-cell	Prem 32	Jun 09
2963-23U	SU2700	1.30	4GB	13.3" WXGA	Cam	GMA 4500M	320GB	GS40	Intel 5100	Black	Blue	4-cell	Prem 32	Jun 09
2963-2HU	SU2700	1.30	3GB	13.3" WXGA	Cam	GMA 4500M	250GB	GS40	Intel 5100	Black		4-cell	Prem 32	Aug 09
2963-2CU	SU2700	1.30	3GB	13.3" WXGA	Cam	GMA 4500M	250GB	GS40	Intel 5100	Black		4-cell	Prem 32	Aug 09
2963-2JU	SU3500	1.40	4GB	13.3" WXGA	Cam	GMA 4500MHD	320GB	GS45	Intel 5100	Black	Blue	4-cell	Prem 64	Oct 09

- **Super-slim (starts at 0.7 inches thin), ultra-light (weighs just over 3.52 pounds)**
- **13.3" HD widescreen, glossy display with LED backlight**
- **Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face**
- **Dolby® Home Sound Room™ premium audio system with two stereo speakers**
- **HDMI port, HDCP-compliant**
- **Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processor	Widescreen flexibility; one-spindle Intel® Pentium® processor SU2700 with ultra low voltage, single-core, 800MHz system bus, and 2MB L2 cache or Intel Core™ 2 Solo processor SU3500 with ultra low voltage, single-core, 800MHz system bus, and 3MB L2 cache		Preloaded operating system ²⁰ - <i>Some:</i> Genuine Windows® Vista® Home Premium 32 - <i>Some:</i> Genuine Windows Vista Home Premium 64 ◇ Vista Premium logo Preloaded applications ¹⁴ (only some listed) • Lenovo™ OneKey Recovery • Lenovo ReadyComm • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software
Memory	2GB, 3GB, or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available		
Diskette drive	None	65-watt AC adapter Wireless on/off switch EPEAT™ Silver rating ENERGY STAR® 5.0-compliant RoHS-compliant	
Optical drive	None		
SATA disk	250GB (5400 rpm) or 320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable Active Protection System™		
Widescreen display	13.3" (337.8mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 200 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus		
Camera			
Integrated graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GS40, <i>Some:</i> Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GS45, External monitor support via analog VGA DB-15 connector / digital HDMI connector; Maximum external resolution: 2048x1536@75Hz (VGA)		
Keyboard	Full-size keyboard, 6-row, Fn keys, recovery button		
Light sensor	Ambient light sensor		
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch		
Dimensions ³	(WxDxH): 12.9" x 9.0" x 0.7-1.0"; 328mm x 228mm x 17-24.9mm		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
Weight ²	4-cell: starting at 3.52 lb (1.6kg)		
Case color	Black top with square weave texture, black bottom		
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic		
Battery - type	Lithium Polymer, 4-cell		
Battery - life ¹⁰	4-cell: up to 5 hr		
Chipset	Mobile Intel GS40/GS45 Express Chipset (Graphics Memory Controller Hub), 82801IUX-SFF I/O Controller Hub (ICH9M-SFF) (SATA 3Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)		
ExpressCard/34	None		
Multicard reader	4-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)		
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45),		
TV tuner	None		
Mini PCI Express	Two Mini PCI Express slots		
Intel 5100 ²⁸	11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)		
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator		
Modem	None		
Ethernet	Gigabit ethernet, Broadcom® 57780		
Audio support	High Definition (HD) Audio, Conexant CX 20582 codec / two stereo speakers (1.5 watt), Dolby Home Sound Room audio system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)		
Security	Power-on password, hard disk password, supervisor password, security keyhole		
Fingerprint reader	None		

See footnotes for important warranty information

US model announced September 30, 2009; previous models on June 24 or August 19, 2009

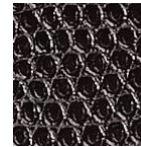
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(CRM1-1) October 2009

Limited Warranty¹²

- ⇒ **1-year parts and labor**
- ⇒ **Depot repair service¹⁹**
- ⇒ **Service upgrade options (in eligible locations):⁹**
 - **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

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	Mini PCIe 802.11 wireless	Top color	Blue-tooth	Battery	Win7 preload	Avail date
2963-47U	SU4100	1.30	3GB	13.3" WXGA	1.3M	GMA 4500MHD	320GB ⁸	11b/g ¹¹	Black		4-cell	Prem 32	Oct 09
2963-46U	SU7300	1.30	4GB	13.3" WXGA	1.3M	GMA 4500MHD	320GB	Intel 5100 ²⁸	Black		4-cell	Prem 64	Oct 09
2963-2YU	SU4100	1.30	3GB	13.3" WXGA	1.3M	GMA 4500MHD	320GB	Intel 5100	Black	Blue	8-cell	Prem 64	Oct 09
2963-2UU	SU7300	1.30	4GB	13.3" WXGA	1.3M	GMA 4500MHD	320GB	Intel 5100	Black	Blue	8-cell	Prem 64	Oct 09
2963-2VU	SU7300	1.30	4GB	13.3" WXGA	1.3M	GMA 4500MHD	320GB	Intel 5100	Lightweave	Blue	8-cell	Prem 64	Oct 09
2963-2XU	SU7300	1.30	4GB	13.3" WXGA	1.3M	GMA 4500MHD	320GB	Intel 5100	Lizard Skin	Blue	8-cell	Prem 64	Oct 09

- **Super-slim (starts at 0.7 inches thin), ultra-light (weighs just over 3.52 pounds)**
- **13.3" HD widescreen, glossy display with LED backlight**
- **Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face**
- **Dolby® Home Sound Room™ premium audio system with two stereo speakers**
- **HDMI port, HDCP-compliant**
- **Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**



Lizard Skin



LightWeave

Positioning Processor	Widescreen flexibility; one-spindle Intel® Pentium® processor SU4100 with ultra low voltage, dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core™ 2 Duo processor SU7300 with ultra low voltage, dual-core, 800MHz system bus, and 3MB L2 cache	Preloaded operating system²⁰ - Some: Genuine Windows® 7 Home Premium 32 - Some: Genuine Windows 7 Home Premium 64
Memory	3GB or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available	Preloaded applications¹⁴ (only some listed) • Lenovo™ OneKey Recovery • Lenovo ReadyComm • McAfee VirusScan® Plus 2009 (30 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software
Diskette drive	None	65-watt AC adapter Wireless on/off switch EPEAT™ Silver rating ENERGY STAR® 5.0-compliant RoHS-compliant
Optical drive	None	
SATA disk	320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable Active Protection System™	
Widescreen display	13.3" (337.8mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 200 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus	
Camera	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GS45, External monitor support via analog VGA DB-15 connector / digital HDMI connector; Maximum external resolution: 2048x1536@75Hz (VGA)	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
Keyboard	Full-size keyboard, 6-row, Fn keys, recovery button	
Light sensor	Ambient light sensor	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	(WxDxH): 12.9" x 9.0" x 0.7-1.0"; 328mm x 228mm x 17-24.9mm	
Weight ²	4-cell: starting at 3.52 lb (1.6kg); 8-cell: starting at 4 lb (1.8kg)	
Case color	Black top with square weave, lightweave, or lizard skin texture; black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Polymer, 4-cell or 8-cell	
Battery - life ¹⁰	4-cell: up to 5 hr; 8-cell: up to 10 hr	
Chipset	Mobile Intel GS45 Express Chipset (Graphics Memory Controller Hub), 82801IUX-SFF I/O Controller Hub (ICH9M-SFF) (SATA 3Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)	
ExpressCard/34	None	
Multicard reader	4-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)	
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
Mini PCI Express	Two Mini PCI Express slots Some: 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) Some: 11b/g wireless ⁴ , Mini PCIe adapter, Broadcom® BCM4312	
Intel 5100 ²⁸	Some: Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator	
Bluetooth™	None	
Modem	Gigabit ethernet, Broadcom 57780	
Ethernet	High Definition (HD) Audio, Conexant CX 20582 codec / two stereo speakers (1.5 watt), Dolby Home Sound Room audio system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Audio support	Power-on password, hard disk password, supervisor password, security keyhole	
Security	Fingerprint reader None	

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

Intel Centrino® 2 processor technology

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ideapad



Lenovo IdeaPad U450p



Lenovo IdeaPad U450p



Lenovo IdeaPad U450p



Lenovo IdeaPad U450p



Lenovo IdeaPad U450p



Lenovo IdeaPad U450p

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue-tooth	Battery	Vista preload	Avail date
3389-26U	SU2700	1.30	3GB	14.0" WXGA	Cam	GMA 4500MHD	250GB ⁸	DVD±RW	11b/g ²⁸	Black	None	6-cell	Prem 32	Aug 09
3389-28U	SU3500	1.40	4GB	14.0" WXGA	Cam	GMA 4500MHD	320GB	DVD±RW	Intel 5100	Black	None	6-cell	Prem 64	Aug 09
3389-29U	SU3500	1.40	4GB	14.0" WXGA	Cam	GMA 4500MHD	500GB	DVD±RW	Intel 5100	Black	None	6-cell	Prem 64	Aug 09

- **14.0" HD widescreen, glossy display with LED backlight**
- **Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face**
- **Dolby® Home Sound Room™ premium audio system with two stereo speakers**
- **HDMI port, HDCP-compliant**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Pentium® processor SU2700 with ultra low voltage, single-core, 800MHz system bus, and 2MB L2 cache or Intel Core™ 2 Solo processor SU3500 with ultra low voltage, single-core, 800MHz system bus, and 3MB L2 cache	Preloaded operating system ²⁰ <ul style="list-style-type: none">- <i>Some:</i> Genuine Windows® Vista® Home Premium 32- <i>Some:</i> Genuine Windows Vista Home Premium 64 ✧ Vista Premium logo Preloaded applications ¹⁴ (only some listed) <ul style="list-style-type: none">• Lenovo™ OneKey Recovery• Lenovo ReadyComm• Norton Internet Security™ (90 days of virus definitions)• Adobe® Reader• Windows Live™ Toolbar• Easy Capture• Microsoft® Office 2007 Trial (60-day)• VeriFace™• Lenovo Energy Management Software• Cyberlink Power2Go (DVD±RW)
Memory	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;	
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in 250GB (5400 rpm), 320GB (5400 rpm), or 500GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, not removable	
Widescreen display Camera	14.0" (355.6mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus	
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GS45, External monitor support via analog VGA DB-15 connector / digital HDMI connector; Maximum external resolution: 2048x1536 @ 75Hz (VGA)	
Keyboard Light sensor Touch pad	Full-size keyboard, 6-row, Fn keys, recovery button None Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Available at these retailers <ul style="list-style-type: none">• lenovo.com 65-watt AC adapter Wireless on/off switch EPEAT™ Silver rating ENERGY STAR® 5.0-compliant RoHS-compliant
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	<i>(WxDxH):</i> 13.3" x 9.3" x 0.9-1.1"; 338.5mm x 235.5mm x 23~28.9mm <i>6-cell:</i> starting at 4.62 lb (2.1kg) Black top with square weave texture, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell <i>6-cell:</i> up to 6 hr	
Chipset	Mobile Intel GS45 Express Chipset (Graphics Memory Controller Hub), 82801IUX-SFF I/O Controller Hub (ICH9M-SFF) (SATA 3Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)	
ExpressCard/34 Multicard reader	None 4-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)	
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner Mini PCI Express Intel 5100 ²⁸ Bluetooth™ Modem Ethernet Audio support	None Two Mini PCI Express slots <i>Some:</i> 11b/g wireless ⁴ , Mini PCI Express Adapter, Broadcom® BCM4312 <i>Some:</i> 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) None None Gigabit ethernet, RealTek® 8111L High Definition (HD) Audio, RealTek ALC272 codec / two stereo speakers (1.5 watt), Dolby® Home Sound Room™ audio system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm) Power-on password, hard disk password, supervisor password, security keyhole	Limited Warranty ¹² ⇨ 1-year parts and labor ⇨ Depot repair service ¹⁹ ⇨ 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 ⇨ 24x7 ¹⁶ toll-free support for warranty issues during the warranty period ¹² via 877-453-6686
Security Fingerprint reader	None	

See footnotes for important warranty information
 US models announced August 11, 2009

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Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue-tooth	Battery	Win7 preload	Avail date
3389-2BU	SU4100	1.30	3GB	14.0" WXGA	1.3M	GMA 4500MHD	250GB ⁸	DVD±RW	11b/g ¹¹	Black		6-cell	Prem 32	Oct 09
3389-32U	SU4100	1.30	3GB	14.0" WXGA	1.3M	GMA 4500MHD	250GB	DVD±RW	Intel 5100	Black	Blue	6-cell	Prem 64	Oct 09
3389-33U	SU4100	1.30	4GB	14.0" WXGA	1.3M	GMA 4500MHD	320GB	DVD±RW	Intel 5100	Black	Blue	6-cell	Prem 64	Oct 09
3389-2EU	SU7300	1.30	4GB	14.0" WXGA	1.3M	GMA 4500MHD	320GB	DVD±RW	Intel 5100 ²⁸	Black		6-cell	Prem 64	Oct 09

- **14.0" HD widescreen, glossy display with LED backlight**
- **Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face**
- **Dolby® Home Sound Room™ premium audio system with two stereo speakers**
- **HDMI port, HDCP-compliant**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Pentium® processor SU4100 with ultra low voltage, dual-core , 800MHz system bus, and 2MB L2 cache or Intel Core™ 2 Duo processor SU7300 with ultra low voltage, dual-core , 800MHz system bus, and 3MB L2 cache	Preloaded operating system ²⁰ <ul style="list-style-type: none">- <i>Some:</i> Genuine Windows® 7 Home Premium 32- <i>Some:</i> Genuine Windows 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) <ul style="list-style-type: none">• Lenovo™ OneKey Recovery• Lenovo ReadyComm• McAfee VirusScan® Plus 2009 (30 days of virus definitions)• Adobe® Reader• Windows Live™ Toolbar• Easy Capture• Microsoft® Office 2007 Trial (60-day)• VeriFace™• Lenovo Energy Management Software• Cyberlink Power2Go (DVD±RW)
Memory	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;	
Diskette drive	None	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in	
SATA disk	250GB (5400 rpm) or 320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, not removable	
Widescreen display	14.0" (355.6mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 1.3-megapixel, fixed focus	
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GS45, External monitor support via analog VGA DB-15 connector / digital HDMI connector; Maximum external resolution: 2048x1536@75Hz (VGA)	
Keyboard	Full-size keyboard, 6-row, Fn keys, recovery button	
Light sensor	None	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³	(WxDxH): 13.3" x 9.3" x 0.9-1.1"; 338.5mm x 235.5mm x 23~28.9mm	
Weight ²	<i>6-cell:</i> starting at 4.62 lb (2.1kg)	
Case color	Black top with square weave texture, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>6-cell:</i> up to 6 hr	
Chipset	Mobile Intel GS45 Express Chipset (Graphics Memory Controller Hub), 82801IUX-SFF I/O Controller Hub (ICH9M-SFF) (SATA 3Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)	
ExpressCard/34	None	
Multicard reader	4-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)	
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner	None	
Mini PCI Express	Two Mini PCI Express slots	
11b/g ¹¹	<i>Some:</i> 11b/g wireless ⁴ , Mini PCI Express Adapter, Broadcom® BCM4312	
Intel 5100 ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)	
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator	
Modem	None	
Ethernet	Gigabit ethernet, RealTek® 8111L	
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / two stereo speakers (1.5 watt), Dolby® Home Sound Room™ audio system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security keyhole	
Fingerprint reader	None	

| | | 65-watt AC adapter Wireless on/off switch EPEAT™ Silver rating ENERGY STAR® 5.0-compliant RoHS-compliant |
| | | **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 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 October 23, 2009

❖Intel Centrino® 2 processor technology

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Limited Warranty¹²
 ➤ **1-year parts and labor**
 ➤ **Depot repair service¹⁹**
 ➤ **Service upgrade options**
 (in eligible locations):⁹
 • **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

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Discrete graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue-tooth	Battery	Win7 preload	Avail date
3389-2GU	SU7300	1.30	4GB	14.0" WXGA	1.3M	ATI HD4330	320GB ⁸	DVD±RW	Intel 5100 ²⁸	Black	Blue	6-cell	Prem 64	Oct 09
3389-2HU	SU9400	1.40	6GB	14.0" WXGA	1.3M	ATI HD4330	500GB	DVD±RW	Intel 5100	Black	Blue	6-cell	Prem 64	Oct 09

- 14.0" HD widescreen, glossy display with LED backlight
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
- Dolby® Home Sound Room™ premium audio system with two stereo speakers
- HDMI port, HDCP-compliant
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ 2 Duo processor SU7300 or SU9400 with ultra low voltage, dual-core , 800MHz system bus, and 3MB L2 cache	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo™ OneKey Recovery • Lenovo ReadyComm • McAfee VirusScan® Plus 2009 (30 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Easy Capture • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Memory	4GB or 6GB std / 8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available;	
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in 320GB (5400 rpm) or 500GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, not removable	
Widescreen display Camera	14.0" (355.6mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus	
Discrete graphics	ATI™ Mobility Radeon™ HD 4330 , PCI Express® x16, 512MB memory, DirectX® 10.1, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant	
Keyboard Light sensor Touch pad	Full-size keyboard, 6-row, Fn keys, recovery button None Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	(WxDxH): 13.3" x 9.3" x 0.9-1.1"; 338.5mm x 235.5mm x 23-28.9mm <i>6-cell:</i> starting at 4.62 lb (2.1kg) Black top with square weave texture, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell <i>6-cell:</i> up to 4 hr	
Chipset	Mobile Intel GS45 Express Chipset (Graphics Memory Controller Hub), 82801IUX-SFF I/O Controller Hub (ICH9M-SFF) (SATA 3Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)	
ExpressCard/34 Multicard reader	None 4-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)	
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner Mini PCI Express Intel 5100 ²⁸ Bluetooth™ Modem Ethernet Audio support	None Two Mini PCI Express slots 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator None Gigabit ethernet, RealTek® 8111L High Definition (HD) Audio, RealTek ALC272 codec / two stereo speakers (1.5 watt), Dolby® Home Sound Room™ audio system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm) Power-on password, hard disk password, supervisor password, security keyhole	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 ➤ 24x7¹⁶ toll-free support for warranty issues during the warranty period ¹² via 877-453-6686
Security Fingerprint reader	None	

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

⚡ Intel Centrino® 2 processor technology

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ideapad



Lenovo IdeaPad U550



Lenovo IdeaPad U550



Lenovo IdeaPad U550



Lenovo IdeaPad U550 cover



Lenovo IdeaPad U550



Lenovo IdeaPad U550
Lightweave pattern cover

Type-model	Pro- cessor	GHz	Memory	Widescreen display	Cam- era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Finger print reader	Blue- tooth	Battery	Win 7 preload	Avail date
3749-5EU	SU4100	1.30	3GB	15.6" HD	1.3M	GMA 4500MHD	250GB ⁸	DVD±RW	Intel 5100 ²⁸	Black	Fing	Blue	6-cell	Prem 32	Oct 09
3749-54U	SU4100	1.30	4GB	15.6" HD	1.3M	GMA 4500MHD	250GB	DVD±RW	Intel 5100	Black	Fing	Blue	6-cell	Prem 32	Oct 09
3749-59U	SU7300	1.30	4GB	15.6" HD	1.3M	GMA 4500MHD	320GB	DVD±RW	Intel 5100	Black	Fing		6-cell	Prem 64	Oct 09

- **15.6" HD widescreen, glossy display with LED backlight**
- **Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face**
- **Dolby® Home Sound Room™ premium audio system with two stereo speakers**
- **HDMI port, HDCP-compliant**
- **Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Pentium® processor SU4100 with ultra low voltage, dual-core , 800MHz system bus, and 2MB L2 cache or Intel Core™ 2 Duo processor SU7300 with ultra low voltage, dual-core , 800MHz system bus, and 3MB L2 cache	Preloaded operating system ²⁰ - <i>Some:</i> Genuine Windows® 7 Home Premium 32 - <i>Some:</i> Genuine Windows 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo™ OneKey Recovery • Lenovo ReadyComm • McAfee VirusScan® Plus 2009 (30 days of virus definitions) • Adobe® Reader® • Fingerprint Software • Easy Capture • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Memory	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;	
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in 250GB (5400 rpm) or 320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, not removable	65-watt AC adapter Wireless on/off switch EPEAT™ Silver rating ENERGY STAR® 5.0-compliant RoHS-compliant
Widescreen display Camera	15.6" (396.2mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus	
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GS45, External monitor support via analog VGA DB-15 connector / digital HDMI connector; Maximum external resolution: 2048x1536@75Hz (VGA)	
Keyboard Numeric keypad Light sensor Touch pad	Full-size keyboard, 6-row, multimedia Fn keys, recovery button Numeric keypad on right of keyboard Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	(WxDxH): 14.8" x 9.9" x 0.9-1.2"; 377mm x 251mm x 24~29.4mm 6-cell: starting at 5.3 lb (2.4kg) Black top with square weave texture, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell 6-cell: up to 6 hr	
Chipset	Mobile Intel GS45 Express Chipset (Graphics Memory Controller Hub), 82801IUX-SFF I/O Controller Hub (ICH9M-SFF) (SATA 3Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)	
ExpressCard/34 Multicard reader	None 4-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)	
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
TV tuner Mini PCI Express Intel 5100 ²⁸ Bluetooth™ Modem Ethernet Audio support	None Two Mini PCI Express slots 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) <i>Some:</i> Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator None Gigabit ethernet, Atheros® AR8131 High Definition (HD) Audio, RealTek AD269 codec / two stereo speakers (1.5 watt), Dolby® Home Sound Room™ audio system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole Fingerprint reader on palm rest, swipe sensor	

See footnotes for important warranty information
US models announced October 22, 2009

⚡ Intel Centrino® 2 processor technology

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(URL2-1) October 2009

Type-model	Pro- cessor	GHz	Memory	Widescreen display	Cam- era	Switchable graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Finger print reader	Blue- tooth	Battery	Win 7 preload	Avail date
3749-55U	SU7300	1.30	4GB	15.6" HD	1.3M	GMA, HD4330	320GB ⁸	DVD±RW	Intel 5100 ²⁸	Black	Fing	Blue	6-cell	Prem 64	Oct 09

- **15.6" HD widescreen, glossy display with LED backlight**
- **Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face**
- **Dolby® Home Sound Room™ premium audio system with two stereo speakers**
- **HDMI port, HDCP-compliant**
- **Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ 2 Duo processor SU7300 with ultra low voltage, dual-core , 800MHz system bus, and 3MB L2 cache		Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo™ OneKey Recovery • Lenovo ReadyComm • McAfee VirusScan® Plus 2009 (30 days of virus definitions) • Adobe® Reader® • Fingerprint Software • Easy Capture • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Memory	4GB std / 8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available;		
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in 320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, not removable		
Widescreen display Camera	15.6" (396.2mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus		
Switchable graphics	Dynamic switching between discrete and integrated graphics (user selectable), Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GS45, and ATI™ Mobility Radeon™ HD 4330 , PCI Express® x16, 512MB memory, DirectX® 10.1, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant		
Keyboard Numeric keypad Light sensor Touch pad	Full-size keyboard, 6-row, multimedia Fn keys, recovery button Numeric keypad on right of keyboard Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch		65-watt AC adapter Wireless on/off switch EPEAT™ Silver rating ENERGY STAR® 5.0-compliant RoHS-compliant
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	(WxDxH): 14.8" x 9.9" x 0.9-1.2"; 377mm x 251mm x 24~29.4mm <i>6-cell</i> : starting at 5.3 lb (2.4kg) Black top with square weave texture, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell <i>6-cell</i> : Up to 4 hr (discrete graphics); up to 6 hr (integrated graphics)		
Chipset	Mobile Intel GS45 Express Chipset (Graphics Memory Controller Hub), 82801IUX-SFF I/O Controller Hub (ICH9M-SFF) (SATA 3Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)		
ExpressCard/34 Multicard reader	None 4-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)		
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		
TV tuner Mini PCI Express Intel 5100 ²⁸ Bluetooth™ Modem Ethernet Audio support	None Two Mini PCI Express slots 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator None Gigabit ethernet, Atheros® AR8131 High Definition (HD) Audio, RealTek AD269 codec / two stereo speakers (1.5 watt), Dolby® Home Sound Room™ audio system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm) Power-on password, hard disk password, supervisor password, security keyhole		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 ⇒ 24x7¹⁶ toll-free support for warranty issues during the warranty period ¹² via 877-453-6686
Security Fingerprint reader	Fingerprint reader on palm rest, swipe sensor		

See footnotes for important warranty information
US model announced October 22, 2009

Intel Centrino® 2 processor technology

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**Partial list of accessories supported on:
IdeaPad S9, S10, S10-2, S12, U110, U330, U450p, Y430, Y450, Y510,
Y530, Y550, Y650, 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 4GB	45J7904	ann 06/24/08
USB 2.0 Essential Memory Key 8GB	45J7905	ann 07/15/08
USB 2.0 DataSlim E16 Portable HD 160GB	45J7700	ann 04/29/08
USB 2.0 Portable Secure 160GB Hard Disk	43R2018	ann 11/18/08
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	ann 11/18/08
USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09
USB 2.0 Super Multi-Burner Drive (black)	45Y2152	ann 01/06/09

Expansion

Lenovo Essential Notebook Stand	45J9292	ann 05/12/09
S9, S10		
USB Port Replicator with Digital Video	45K1610	ann 07/28/09

Keyboard

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

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

Mouse

Lenovo Laser Mouse (USB)	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

S9, 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 Y730		
Lenovo Y510/Y710 Li-Ion Battery 6-cell	45J7706	ann 04/29/08
Y450 and Y550		
Lenovo Y450/Y550 Li-Ion Battery 6-cell	55Y2054	ann 04/07/09
Y650		
Lenovo Y650 Li-Ion Battery 6-cell	55Y2055	ann 04/07/09
S9, 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 Y510		
90W Ultraslim AC/DC Combo Adapter	41R4493	ann 09/22/09
U330, U350, U450P, U550, Y450, Y550, Y650 and Y730 ⁴⁵		
Lenovo 90W AC Adapter	45J7717	ann 08/12/08

⁴⁵ Only compatible with the integrated graphic models of Y730

Carrying Cases

S9, S10		
IdeaPad 10" Sleeve S110 (pink and gray)	45K2171	ann 10/14/08
S9, S10, U110 and U330		
Women's Executive Red Leather Tote	22P8858	
Lenovo Women's Tote L34 (brown)	45J7728	ann 06/03/08
S9, S10, U110, U330, Y430, Y450, Y510, Y530, and Y550		
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 L1711p 17" Monitor	5047HB2	ann 10/20/09
ThinkVision L1900p 19" Monitor	4431HE1	ann 11/11/08
ThinkVision L1940p Wide 19" Monitor	4424HB6	ann 09/17/08
ThinkVision L1951p Wide 19" Monitor	2448HB6	ann 10/20/09
ThinkVision L2240p Wide 22" Monitor	4422HB6	ann 09/17/08
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
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® 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 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/accessories

Accessories 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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