

## Personal Systems Reference Lenovo® IdeaPad™ Netbooks and Notebooks

January 2011 - Version 391



Lenovo IdeaPad U160

Type-model	Processor	GHz	Memor	Widescreen y display	Cam- era	Integrated graphics	SATA disk	PCle Mini card 802.11	PCIe Mini card WWAN	Top color	Bluetooth	Battery	Win7 preload	Avail date
0647-32U		1.66	1GB	10.1" WSVGA		GMA 3150	160GB <sup>8</sup>	11b/g/n <sup>28</sup>		Red			Starter .	
0647-33U	Atom N450	1.66	1GB	10.1" WSVGA		GMA 3150	160GB	11b/g/n		Black		6-cell	Starter 4	Jan 10
0647-23U	Atom N450	1.66	1GB	10.1" WSVGA	1.3M	GMA 3150	160GB	11b/ă/n	Gobi2000	Black	Bluetooth	6-cell	Starter .	Jan 10
0647-37U	Atom N450	1.66	1ĞB	10.1" WSVGA	1.3M	GMA 3150	250GB	11b/g/n		Red		6-cell	Starter (	Oct 10
₹ 0647-39Ü	Atom N450	1.66	1GB	10.1" WSVGA	1.3M	GMA 3150	250GB	11b/g/n		Red	Bluetooth	6-cell	Starter I	Dec 10

- Lenovo's netbook: smaller and lighter than a notebook
- 10.1" widescreen, glossy display with LED backlight
- Super-slim (starts at 0.6 inch thin)
- Integrated camera and Lenovo's VeriFace™ face recognition software helps control access to your notebook by recognizing your face

  OneKey™ Rescue System includes OneKey Recovery with press of recovery key

  Lenovo® Quick Start: Utility for quick access to Web, music, photos, chat,
- and Skype™ without booting into Windows
   These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Netbook; consumer markets Intel® Atom™ Processor N450 with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 667MHz) Hyper-Threading Technology, and 512KB L2 cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Starter Edition  Preloaded applications <sup>14</sup> (only some
Memory	1GB std / 2GB max / PC2-5300 667MHz DDR2, non-parity, single-channel, one 200-pin SO-DIMM socket; Non-italics: standard memory 1GB in socket; no socket available	listed)  • Lenovo® OneKey Recovery  • McAfee® VirusScan® Plus
Optical drive SATA disk	None <b>160GB</b> (5400 rpm) or <b>250GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System <sup>™</sup>	(60 days of virus definitions)  • Adobe® Reader®  • Windows Live™ Essential
Widescreen display Camera	10.1" (256.5mm) WSVGA (1024x600) TFT color, VibrantView (glossy); LED backlight, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus	Lenovo ReadyComm     Lenovo Energy Management     Software     Lenovo DirectShare
Integrated graphics	Intel Graphics Media Accelerator 3150 (GMA 3150), in processor, external monitor support via analog VGA DB-15 connector	<ul><li>VeriFace</li><li>Quick Start</li></ul>
Keyboard Touch pad	Full size keyboard, Fn keys, recovery key, Quick Start button One-piece touch pad with two button function	Lenovo MapLife     Microsoft Office 2010 preloaded;     purchase product key to activate
Dimensions <sup>3</sup>	3-cell: (WxDxH): 10.6" x 6.6" x 0.6-1.2"; 268mm x 168mm x 16-30.95mm 6-cell: (WxDxH): 10.6" x 6.6" x 0.6-1.5"; 268mm x 168mm x 16-37.45mm	
Weight <sup>2</sup> Case color	3-cell: starting at 2.43 lb (1.1 kg) 6-cell: starting at 2.76 lb (1.25 kg) Top: black or red, with pattern buttom: black Palm rest: Gray	30-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Case material Battery - type Battery - life <sup>10</sup>	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion, <b>6-cell</b> 3-cell: up to 3.5 hr; 6-cell: up to 7.0 hr	Limited Warranty <sup>12</sup>
Chipset ExpressCard/34 Multicard reader Ports	Intel NM10 Express Chipset None 5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™) Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	- 1-year warranty*:  * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter  Mail In repair service
TV tuner PCIe Mini Card 11b/g/n²8 Gobi™ 2000	None Two PCI Express Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Mini Card adapter; Intel, Broadcom®, or Atheros chip Some: Wireless WAN, Qualcomm chipset, PCIe Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS, contract required with service provider	Service upgrade options (in eligible locations):  • 2-year Mail-In warranty 78Y1544 • 3-year Mail-In warranty 78Y1547 • 1-year accidental damage
Bluetooth™ Modem Ethernet Audio support	Some: Bluetooth 2.1 wireless + EDR, LED indicator  None 10/100 ethernet, RealTek® RTL8103EL High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / dual array microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm), Dolby® Headphone™ certificated	protection via Mail-In 78Y1543  • 2-year accidental damage protection via Mail-In 78Y1545  • 3-year accidental damage protection via Mail-In 78Y1548  • 24x716 toll-free support for warranty
Security Fingerprint reader	Power-on password, supervisor password, hard disk password	issues during the warranty period <sup>12</sup> via 877-453-6686

Type-model	Processor	GHz	Memory	Widescreen display		Integrated graphics	SATA disk		PCIe Mini card To WWAN col	or Bluetooth	Battery	Win7 preload	Avail date
0647-29U	Atom N450	1.66	1GB	10.1" WSVGA	0.3M	GMA 3150	250GB8	11b/g/n <sup>28</sup>	None Bla	ck None	6-cell	Starter	Jan 10

- Lenovo's netbook: smaller and lighter than a notebook
- 10.1" widescreen, glossy display with LED backlight
- Super-slim (starts at 0.6 inch thin)
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  • This system is Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Netbook; consumer markets Intel® Atom™ Processor N450 with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 667MHz) Hyper-Threading Technology, and 512KB L2 cache	Preloaded operating system <sup>20</sup> Genuine Windows® 7 Starter     Edition      Preloaded applications <sup>14</sup> (only some
Memory	<b>1GB</b> std / 2GB max / <b>PC2-5300 667MHz DDR2</b> , non-parity, single-channel, one 200-pin SO-DIMM socket; Non-italics: standard memory 1GB in socket; no socket available	listed)  Lenovo® OneKey Recovery  McAfee® VirusScan® Plus
Optical drive SATA disk	None <b>250GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System <sup>™</sup>	(60 days of virus definitions)  • Adobe® Reader®  • Windows Live™ Essential
Widescreen display Camera	10.1" (256.5mm) WSVGA (1024x600) TFT color, VibrantView (glossy); LED backlight, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus	Lenovo ReadyComm     Lenovo Energy Management     Software     Lenovo DirectShare
Integrated graphics	Intel Graphics Media Accelerator 3150 (GMA 3150), in processor, external monitor support via analog VGA DB-15 connector	<ul><li>VeriFace</li><li>Quick Start</li></ul>
Keyboard Touch pad	Full size keyboard, Fn keys, recovery key, Quick Start button One-piece touch pad with two button function	Lenovo MapLife     Microsoft Office 2010 preloaded;     purchase product key to activate
Dimensions <sup>3</sup> Weight <sup>2</sup>	3-cell: (WxDxH): 10.6" x 6.6" x 0.6-1.2"; 268mm x 168mm x 16-30.95mm 6-cell: (WxDxH): 10.6" x 6.6" x 0.6-1.5"; 268mm x 168mm x 16-37.45mm 3-cell: starting at 2.43 lb (1.1 kg)	30-watt AC adapter Wireless on/off switch
Case color	6-cell: starting at 2.76 lb (1.25 kg) Top: black, with pattern buttom: black Palm rest: Gray	EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Case material Battery - type Battery - life <sup>10</sup>	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium lon, <b>6-cell</b> 3-cell: up to 3.5 hr; 6-cell: up to 7.0 hr	Limited Warranty¹²
Chipset ExpressCard/34 Multicard reader Ports	Intel NM10 Express Chipset None 5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™) Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter  Mail In repair service  Service upgrade options
TV tuner PCIe Mini Card 11b/g/n²8 WWAN Bluetooth™ Modem Ethernet Audio support	None Two PCI Express Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Mini Card adapter; Intel, Broadcom®, or Atheros chip None None None 10/100 ethernet, RealTek® RTL8103EL High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / dual array microphone, microphone input jack (3.5 mm),	(in eligible locations): <sup>9</sup> • 2-year Mail-In warranty 78Y1544  • 3-year Mail-In warranty 78Y1547  • 1-year accidental damage protection via Mail-In 78Y1543  • 2-year accidental damage protection via Mail-In 78Y1545  • 3-year accidental damage protection via Mail-In 78Y1548
Security Fingerprint reader	stereo headphone jack (3.5 mm), Dolby <sup>®</sup> Headphone™ certificated Power-on password, supervisor password, hard disk password None	24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686

Type-model	Processor	GHz	Memory	Widescreen display	Cam- era	Integrated graphics	SATA disk	PCIe Mini card 802.11	PCle Mini card WWAN	Top color	Bluetooth	Battery	Win7 preload	Ava dat	
0647-2AU 0647-2BU 0647-2EU	Atom N455 Atom N455 Atom N455	1.66	1GB	10.1" WSVGA 10.1" WSVGA 10.1" WSVGA	0.3M	GMA 3150	250GB	11b/g/n <sup>28</sup> 11b/g/n 11b/g/n	Gobi2000		Bluetooth	6-cell	Starter Starter Starter	Jul :	10

- Lenovo's netbook: smaller and lighter than a notebook
- 10.1" widescreen, glossy display with LED backlight
- Super-slim (starts at 0.6 inch thin)
   Integrated camera and Lenovo's VeriFace™ face recognition software helps control access to your notebook by recognizing your face
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Positioning Processor	Netbook; consumer markets Intel® Atom™ Processor N455 with single-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 667MHz) Hyper-Threading Technology, and 512KB L2 cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Starter Edition  Preloaded applications¹⁴ (only some
Memory	1GB std / 2GB max / PC3-10600 1333MHz DDR3*, non-parity, single-channel, one 204-pin SO-DIMM socket;  Non-italics: standard memory 1GB in socket; no socket available  * System automatically clocks down for processors with 667MHz DDR3 memory controller	listed)  Lenovo® OneKey Recovery  McAfee® VirusScan® Plus (60 days of virus definitions)  Adobe® Reader®
Optical drive SATA disk	None 160GB (5400 rpm) or 250GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System <sup>TM</sup>	Windows Live™ Essential     Lenovo ReadyComm     Lenovo Energy Management     Control Process
Widescreen display Camera	10.1" (256.5mm) WSVGA (1024x600) TFT color, VibrantView (glossy); LED backlight, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus	Software Lenovo DirectShare VeriFace Ouick Start
Integrated graphics	Intel Graphics Media Accelerator 3150 (GMA 3150), in processor, external monitor support via analog VGA DB-15 connector	<ul><li>Lenovo MapLife</li><li>Microsoft Office 2010 preloaded;</li></ul>
Keyboard Touch pad	Full size keyboard, Fn keys, recovery key, Quick Start button One-piece touch pad with two button function	purchase product key to activate
Dimensions <sup>3</sup>	3-cell: (WxDxH): 10.6" x 6.6" x 0.6-1.2"; 268mm x 168mm x 16-30.95mm 6-cell: (WxDxH): 10.6" x 6.6" x 0.6-1.5"; 268mm x 168mm x 16-37.45mm	30-watt AC adapter
Weight <sup>2</sup>	3-cell: starting at 2.43 lb (1.1 kg) 6-cell: starting at 2.76 lb (1.25 kg)	Wireless on/off switch EPEAT™ Gold rating
Case color	Top: black; buttom: black Palm rest: Gray	ENERGY STAR® 5.0-compliant RoHS-compliant
Case material Battery - type Battery - life <sup>10</sup>	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion, <b>6-cell</b> 3-cell: up to 3.5 hr; 6-cell: up to 7.0 hr	Limited Warranty <sup>12</sup>
Chipset	Intel NM10 Express Chipset	<ul><li></li></ul>
ExpressCard/34 Multicard reader	None 5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	
TV tuner PCIe Mini Card 11b/g/n²8 Gobi™ 2000	None Two PCI Express Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Mini Card adapter; Intel, Broadcom <sup>®</sup> , or Atheros chip Some: Wireless WAN, Qualcomm chipset, PCIe Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS, contract required with service provider	<ul> <li>Service upgrade options         (in eligible locations):<sup>9</sup></li> <li>2-year Mail-In warranty 78Y1544</li> <li>3-year Mail-In warranty 78Y1547</li> <li>1-year accidental damage</li> </ul>
Bluetooth™ Modem Ethernet Audio support	Some: Bluetooth 2.1 wireless, internal USB 2.0 interface None 10/100 ethernet, RealTek® RTL8103EL High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / dual array microphone, microphone input jack (3.5 mm),	protection via Mail-In 78Y1543  • 2-year accidental damage protection via Mail-In 78Y1545  • 3-year accidental damage protection via Mail-In 78Y1548
Security Fingerprint reade	stereo headphone jack (3.5 mm), Dolby® Headphone™ certified Power-on password, supervisor password, hard disk password r None	24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686

	Type-model	Processor	GHz	Memory	Widescreen display	Cam- era	Integrated graphics	SATA disk	PCle Mini card 802.11	PCIe Mini card WWAN	Top color	Bluetooth	Battery	Win7 preload	Avail date
137	0647-35U 0647-38U	Atom N455 Atom N455	1.66 1.66	1GBx1 1GBx1	10.1" WSVGA 10.1" WSVGA	0.3M 0.3M	GMA 3150 GMA 3150		11b/g/n <sup>28</sup> 11b/g/n	None None	Black Black	None Bluetooth			Aug 10 Dec 10

- Lenovo's netbook: smaller and lighter than a notebook
- 10.1" widescreen, glossy display with LED backlight
- Super-slim (starts at 0.6 inch thin)
   Integrated camera and Lenovo's VeriFace™ face recognition software helps control access to your notebook by recognizing your face
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Positioning Processor	Netbook; consumer markets Intel® Atom™ Processor N455 with single-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 667MHz) Hyper-Threading Technology, and 512KB L2 cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Starter Edition  Preloaded applications <sup>14</sup> (only some
Memory	1GB std / 2GB max / PC3-10600 1333MHz DDR3*, non-parity, single-channel, one 204-pin SO-DIMM socket; Non-italics: standard memory 1GB in socket; no socket available * System automatically clocks down for processors with 667MHz DDR3 memory controller	listed)  Lenovo® OneKey Recovery  McAfee® VirusScan® Plus (60 days of virus definitions)  Adobe® Reader®
Optical drive SATA disk	None <b>250GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System™	Windows Live™ Essential     Lenovo ReadyComm     Lenovo Energy Management     Sentwore
Widescreen display Camera	10.1" (256.5mm) WSVGA (1024x600) TFT color, VibrantView (glossy); LED backlight, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus	Software Lenovo DirectShare VeriFace Quick Start
Integrated graphics	Intel Graphics Media Accelerator 3150 (GMA 3150), in processor, external monitor support via analog VGA DB-15 connector	<ul><li>Lenovo MapLife</li><li>Microsoft Office 2010 preloaded;</li></ul>
Keyboard Touch pad	Full size keyboard, Fn keys, recovery key, Quick Start button One-piece touch pad with two button function	purchase product key to activate
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color	3-cell: (WxDxH): 10.6" x 6.6" x 0.6-1.2"; 268mm x 168mm x 16-30.95mm 6-cell: (WxDxH): 10.6" x 6.6" x 0.6-1.5"; 268mm x 168mm x 16-37.45mm 3-cell: starting at 2.43 lb (1.1 kg) 6-cell: starting at 2.76 lb (1.25 kg) Top: black; buttom: black Palm rest: Gray	30-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Case material Battery - type Battery - life <sup>10</sup>	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion, 6-cell 3-cell: up to 3.5 hr; 6-cell: up to 7.0 hr	Limited Warranty¹²
Chipset ExpressCard/34 Multicard reader Ports	Intel NM10 Express Chipset None 5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™) Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter  Mail In repair service  Service upgrade options
TV tuner PCIe Mini Card 11b/g/n²8 WWAN Bluetooth™ Modem Ethernet Audio support	None Two PCI Express Mini Card slots 11b/g/n wireless⁴, PCIe Mini Card adapter; Intel, Broadcom®, or Atheros chip None Some: Bluetooth 2.1 wireless + EDR, LED indicator None 10/100 ethernet, RealTek® RTL8103EL High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / dual array microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm), Dolby® Headphone™ certified	(in eligible locations):  • 2-year Mail-In warranty 78Y1544 • 3-year Mail-In warranty 78Y1547 • 1-year accidental damage protection via Mail-In 78Y1543 • 2-year accidental damage protection via Mail-In 78Y1545 • 3-year accidental damage protection via Mail-In 78Y1548  = 24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup>
Security Fingerprint reade	Power-on password, supervisor password, hard disk password r None	via 877-453-6686





Lenovo IdeaPad S10-3s White



Lenovo IdeaPad S10-3s White



Lenovo IdeaPad S10-3s White



Lenovo IdeaPad S10-3s White



Lenovo IdeaPad S10-3s White



Lenovo IdeaPad S10-3s White

Type-model	Processor	GHz	Memory	Widescreen display		Integrated graphics	SATA disk	PCle Mini Card 802.11			Bluetooth	Battery	Win7 preload	Avail date
0703-22U	Atom N450	1.66	1GB	10.1" WSVGA	1.3M	GMA 3150	160GB8	11b/g/n <sup>28</sup>	None	White	Bluetooth	6-cell	Starter	Apr 10

- Lenovo's netbook: smaller and lighter than a notebook
- 10.1" widescreen, glossy display with LED backlight
- Super-slim (starts at 0.6 inch thin)
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Positioning Processor	Netbook; consumer markets Intel® Atom™ Processor N450 with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 667MHz) Hyper-Threading Technology, and 512KB L2 cache	Preloaded operating system <sup>20</sup> - Genuine Windows <sup>®</sup> 7 Starter Edition Preloaded applications <sup>14</sup> (only some
Memory	<b>1GB</b> std / 2GB max <sup>7</sup> / <b>PC2-5300 667MHz DDR2</b> , non-parity, single-channel, one 200-pin SO-DIMM socket; Non-italics: standard memory 1GB in socket; no socket available	listed)  Lenovo® OneKey Recovery  McAfee® VirusScan® Plus
Optical drive SATA disk	None <b>160GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System <sup>™</sup>	(60 days of virus definitions)  • Adobe® Reader®  • Windows Live™ Essential
Widescreen display Camera	10.1" (256.5mm) WSVGA (1024x600) TFT color, VibrantView (glossy); LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus	Lenovo ReadyComm     Lenovo Energy Management     Software     Lenovo DirectShare
Integrated graphics	Intel Graphics Media Accelerator 3150 (GMA 3150), in processor, external monitor support via analog VGA DB-15 connector	<ul><li>VeriFace</li><li>Quick Start</li></ul>
Keyboard Touch pad	Full size keyboard, Fn keys, recovery key, Quick Start button One-piece touch pad with two button function	Lenovo MapLife     Microsoft Office 2010 preloaded;     purchase product key to activate
Dimensions <sup>3</sup> Weight <sup>2</sup>	3-cell: (WxDxH): 10.6" x 6.6" x 0.6-1.1"; 270mm x 168mm x 16-28.5mm 6-cell: (WxDxH): 10.6" x 6.6" x 0.6-1.4"; 270mm x 168mm x 16-34.3mm 3-cell: starting at 2.43 lb (1.1 kg)	30-watt AC adapter Wireless on/off switch
Case color	6-cell: starting at 2.76 lb (1.25 kg) Top: white buttom: white Palm rest: white	EPEAT™ Silver rating ENERGY STAR® 5.0-compliant RoHS-compliant
Case material Battery - type Battery - life <sup>10</sup>	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium lon, <b>6-cell</b> 3-cell: up to 3.5 hr; 6-cell: up to 7.0 hr	Limited Warranty¹²
Chipset ExpressCard/34 Multicard reader Ports	Intel NM10 Express Chipset None 5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™) Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter  Mail In repair service  Service upgrade options
TV tuner PCle Mini Card 11b/g/n²e WWAN Bluetooth™ Modem Ethernet Audio support	None Two PCI Express Mini Card slots 11b/g/n wireless⁴, PCle Mini Card adapter; Intel, Broadcom®, or Atheros chip None Bluetooth 2.1 wireless + EDR, LED indicator None 10/100 ethernet, Broadcom BCM57790 High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 W x 2) dual array microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm), Dolby® Headphone™ certificated	(in eligible locations): <sup>9</sup> • 2-year Mail-In warranty 78Y1544 • 3-year Mail-In warranty 78Y1547 • 1-year accidental damage protection via Mail-In 78Y1543 • 2-year accidental damage protection via Mail-In 78Y1545
Security Fingerprint reader	Administrator password, hard disk password	issues during the warranty period <sup>12</sup> via 877-453-6686

See footnotes for important warranty information US model announced April 28, 2010

Type-model	Processor	GHz	Memory	Widescreen display	Cam- era	Integrated graphics	SATA disk	PCle Mini Card 802.11			Bluetooth	Battery	Win7 preload	Avail date
0703-32U	Atom N450	1.66	1GB	10.1" WSVGA	1.3M	GMA 3150	160GB <sup>8</sup>	11b/g/n <sup>28</sup>	None	White	Bluetooth	3-cell	Starter	Apr 10

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Memory	1GB std / 2GB max <sup>7</sup> / PC2-5300 667MHz DDR2, non-parity, single-channel, one 200-pin SO-DIMM socket; Non-italics: standard memory 1GB in socket; no socket available	listed)  • Lenovo® OneKey Recovery  • McAfee® VirusScan® Plus
Optical drive SATA disk	None <b>160GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System™	(60 days of virus definitions)  • Adobe® Reader®  • Windows Live™ Essential
Widescreen display Camera	10.1" (256.5mm) WSVGA (1024x600) TFT color, VibrantView (glossy); LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus	Lenovo ReadyComm     Lenovo Energy Management     Software     Lenovo DirectShare
Integrated graphics	Intel Graphics Media Accelerator 3150 (GMA 3150), in processor, external monitor support via analog VGA DB-15 connector	<ul><li>VeriFace</li><li>Quick Start</li></ul>
Keyboard Touch pad	Full size keyboard, Fn keys, recovery key, Quick Start button One-piece touch pad with two button function	Lenovo MapLife     Microsoft Office 2010 preloaded;     purchase product key to activate
Dimensions <sup>3</sup> Weight <sup>2</sup>	3-cell: (WxDxH): 10.6" x 6.6" x 0.6-1.1"; 270mm x 168mm x 16-28.5mm 6-cell: (WxDxH): 10.6" x 6.6" x 0.6-1.4"; 270mm x 168mm x 16-34.3mm 3-cell: starting at 2.43 lb (1.1 kg)	30-watt AC adapter Wireless on/off switch
Case color	6-cell: starting at 2.76 lb (1.25 kg) Top: white buttom: white	EPEAT™ Silver rating ENERGY STAR® 5.0-compliant RoHS-compliant
Case material Battery - type Battery - life <sup>10</sup>	Palm rest: white Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion, <b>3-cell</b> 3-cell: up to 3.5 hr; 6-cell: up to 7.0 hr	Limited Warranty¹²
Chipset ExpressCard/34 Multicard reader	Intel NM10 Express Chipset None 5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™) The Company of the west (R   45)	components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter
Ports TV tuner PCIe Mini Card 11b/g/n²8 WWAN Bluetooth™ Modem Ethernet Audio support	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)  None Two PCI Express Mini Card slots 11b/g/n wireless⁴, PCle Mini Card adapter; Intel, Broadcom®, or Atheros chip None Bluetooth 2.1 wireless + EDR, LED indicator None 10/100 ethernet, Broadcom BCM57790 High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 W x 2) dual array microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm), Dolby® Headphone™ certificated Administrator password, hard disk password	<ul> <li>Service upgrade options (in eligible locations):<sup>9</sup></li> <li>2-year Mail-In warranty 78Y1544</li> <li>3-year Mail-In warranty 78Y1547</li> <li>1-year accidental damage protection via Mail-In 78Y1543</li> <li>2-year accidental damage protection via Mail-In 78Y1545</li> <li>3-year accidental damage protection via Mail-In 78Y1545</li> <li>24x7<sup>16</sup> toll-free support for warranty issues during the warranty period¹²</li> </ul>
Fingerprint reader		via 877-453-6686

See footnotes for important warranty information US model announced April 28, 2010





Lenovo IdeaPad S10-3t



Lenovo IdeaPad S10-3t (4-cell model with Cosmic Night pattern)



Lenovo IdeaPad S10-3t (4-cell model)



Lenovo IdeaPad S10-3t (4-cell model)



Lenovo IdeaPad S10-3t (4-cell model with Cosmic Wonder pattern)



Lenovo IdeaPad S10-3t (4-cell model with Cosmic Wonder pattern)

Type-model	Pro- cessor	GHz	Memory	Widescreen display	Multi- touch screen		Integrated graphics	SATA disk	PCle Mini card 802.11	Top color	Blue- tooth	Battery	Win7 preload	Avail date
0651-4FU				10.1" WSVGA						Cosmic Night		4-cell	Starter	Jan 10
0651-4EU	N450	1.66	1GB DDR2	10.1" WSVGA	Multi	1.3M	GMA 3150	160GB		Cosmic Wonder		4-cell	Starter	Jan 10
0651-3EU	N470	1.83	2GB DDR2	10.1" WSVGA	Multi	1.3M	GMA 3150	250GB	11b/g/n	Cosmic Night	Blue	4-cell	Prem 32	Jan 10
0651-86U	N450	1.66	1GB DDR2	10.1" WSVGA	Multi	1.3M	GMA 3150	250GB		Cosmic Night		4-cell	Starter	Aug 10
☞ 0651-95U	N470	1.83	2GB DDR2	10.1" WSVGA	Multi	1.3M	GMA 3150	320GB	11b/g/n	Cosmic Wonder	Blue	4-cell	Prem 32	Nov 10
☞ 0651-99U	N475	1.83	2GB DDR3	10.1" WSVGA	Multi	1.3M	GMA 3150	320GB	11b/ğ/n	Cosmic Night			Prem 32	

- Tablet netbook features a multi-touch panel and a durable steel hinge supporting ±180 degree rotation
- 10.1" widescreen, glossy display with LED backlight
- Super-slim (starts at 0.6 inch thin)
- Integrated camera and Lenovo's VeriFace™ face recognition software helps control access to your notebook by recognizing your face
- OneKey™ Rescue System includes OneKey Recovery with press of recovery key
   Lenovo® Quick Start: Utility for quick access to Web, music, photos, chat, and Skype™ without booting into Windows
  • These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Tablet netbook; consumer markets Intel® Atom™ Processor N450 or N470 with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 667MHz), integrated graphic controller, Hyper-Threading technology, and 512KB L2 cache or Intel Atom Processor N475 with single-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 667MHz), integrated graphic controller, Hyper-Threading Technology, and 512KB L2 cache	Preloaded operating system <sup>20</sup> - Some: Genuine Windows® 7 Starter Edition - Some: Genuine Windows® 7 Home Premium 32  Preloaded applications <sup>14</sup> (only some
Memory	1GB or 2GB std / 2GB max Some: PC2-5300 667MHz DDR2, non-parity, dual-channel capable, one 200-pin SO-DIMM socket; Some: PC3-10600 1333MHz DDR3*, non-parity, dual-channel capable, one 204-pin SO-DIMM socket; * System automatically clocks down for processors with 667MHz DDR3 memory controller	<ul> <li>listed)</li> <li>Lenovo® OneKey Recovery</li> <li>McAfee® VirusScan® Plus (60 days of virus definitions)</li> <li>Lenovo ReadyComm</li> <li>Lenovo Energy Management Software</li> <li>Lenovo DirectShare</li> </ul>
Optical drive SATA disk	None <b>160GB</b> (5400 rpm), <b>250GB</b> (5400 rpm), or <b>320GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System™	VeriFace     Quick Start     Lenovo VeriTouch
Widescreen display	10.1" (256.5mm) WSVGA (1024x600) TFT color, VibrantView (glossy); LED backlight, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio, rotatable dual swivel hinge for tablet mode, support display auto roation	Lenovo Natural Touch     Microsoft® Research AutoCollage     Touch (Home Premium only)
Touch screen type Camera	e MultiTouch (touchscreen supports two-finger touch) Camera on top of screen, 1.3-megapixel, fixed focus	
Integrated graphics	Intel Graphics Media Accelerator 3150 (GMA 3150), in processor External monitor support via analog VGA DB-15 connector	
Keyboard Touch pad	Full size keyboard, Fn keys One-piece touch pad with two button function	
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color	4-cell: (WxDxH): 11.0" x 6.9" x 0.6-1.1"; 280mm x 174mm x 15-27.6mm 8-cell: (WxDxH): 11.1" x 8.0" x 0.6-1.4"; 282mm x 202mm x 15-35.0mm 4-cell: starting at 2.76 lb (1.25 kg) 8-cell: starting at 3.31 lb (1.50 kg) Top: black color with different pattern buttom: black	30-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Case material Battery - type Battery - life <sup>10</sup>	Palm rest: White Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion, 4-cell or Hybrid 8-cell 4-cell: up to 4 hr; 8-cell: up to 10 hr	Limited Warranty¹²
Chipset ExpressCard/34 Multicard reader Ports	Intel NM10 Express Chipset None 6-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	90-day on keyboard, hinges, plastics, power cord, AC adapter Mail In repair service Service upgrade options (in eligible locations):9
TV tuner PCIe Mini Card 11b/g/n²8 Bluetooth™ Modem Ethernet Audio support  Security Fingerprint reader	None Two PCI Express Mini Card slots 11b/g/n wireless⁴, PCIe Mini Card adapter; Intel, Broadcom®, or Atheros chip Some: Bluetooth 2.1 wireless + EDR, LED indicator None Gigabit ethernet, Broadcom 57780 High Definition (HD) Audio, Conexant® CX20582 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm), Dolby® Headphone™ certified Power-on password, supervisor password, hard disk password, security keyhole None	2-year Mail-In warranty 78Y1544     3-year Mail-In warranty 78Y1547     1-year accidental damage protection via Mail-In 78Y1543     2-year accidental damage protection via Mail-In 78Y1545     3-year accidental damage protection via Mail-In 78Y1545     24x716 toll-free support for warranty issues during the warranty period12 via 877-453-6686

	Type-model	Pro- cessor	GHz	Memory		Multi- touch screen		Integrated graphics	SATA disk	PCle Mini card 802.11	Top color	Blue- tooth	Battery	Win7 preload	Avail date
rsp.	0651-85Ü	N450	1.66	1GB DDR2	10.1" WSVGA	Multi	1.3M	GMA 3150	250GB	11b/g/n	Cosmic Night Cosmic Night Cosmic Night	None	4-cell	Prem 32	Aug 10

- Tablet netbook features a multi-touch panel and a durable steel hinge supporting ±180 degree rotation
- 10.1" widescreen, glossy display with LED backlight
  Super-slim (starts at 0.6 inch thin)
- Integrated camera and Lenovo's VeriFace™ face recognition software helps control access to your notebook by recognizing your face
  • OneKey™ Rescue System includes OneKey Recovery with press of recovery key
- Lenovo® Quick Start: Utility for quick access to Web, music, photos, chat, and Skype™ without booting into Windows
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Tablet netbook; consumer markets Intel® Atom™ Processor N450 with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 667MHz), integrated graphic controller, Hyper-Threading technology, and 512KB L2 cache or Intel Atom Processor N455 with single-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 667MHz), integrated graphic controller, Hyper-Threading Technology, and 512KB L2 cache	Preloaded operating system <sup>20</sup> - Some: Genuine Windows® 7 Starter Edition - Some: Genuine Windows® 7 Home Premium 32  Preloaded applications <sup>14</sup> (only some listed)
Memory	1GB std / 2GB max / Some: PC2-5300 667MHz DDR2, non-parity, dual-channel capable, one 200-pin SO-DIMM socket; Some: PC3-10600 1333MHz DDR3*, non-parity, dual-channel capable, one 204-pin SO-DIMM socket;  * System automatically clocks down for processors with 667MHz DDR3 memory controller	<ul> <li>listed)</li> <li>Lenovo® OneKey Recovery</li> <li>McAfee® VirusScan® Plus         (60 days of virus definitions)</li> <li>Lenovo ReadyComm</li> <li>Lenovo Energy Management         Software</li> <li>Lenovo DirectShare</li> </ul>
Optical drive SATA disk	None <b>250GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System™	VeriFace     Quick Start     Lenovo VeriTouch
Widescreen display	10.1" (256.5mm) WSVGA (1024x600) TFT color, VibrantView (glossy); LED backlight, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio, rotatable dual swivel hinge for tablet mode, support display auto roation MultiTouch (touchscreen supports two-finger touch)	<ul> <li>Lenovo Natural Touch</li> <li>BumpTop™</li> <li>Microsoft® Research AutoCollage Touch (Home Premium only)</li> </ul>
Camera	Camera on top of screen, 1.3-megapixel, fixed focus	Microsoft Office 2010 preloaded; purchase product key to activate
Integrated graphics	Intel Graphics Media Accelerator 3150 (GMA 3150), in processor External monitor support via analog VGA DB-15 connector	puronase product key to activate
Keyboard Touch pad	Full size keyboard, Fn keys One-piece touch pad with two button function	
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color	4-cell: (WxDxH): 11.0" x 6.9" x 0.6-1.1"; 280mm x 174mm x 15-27.6mm 8-cell: (WxDxH): 11.1" x 8.0" x 0.6-1.4"; 282mm x 202mm x 15-35.0mm 4-cell: starting at 2.76 lb (1.25 kg) 8-cell: starting at 3.31 lb (1.50 kg) Top: black color with different pattern buttom: black	30-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Case material Battery - type Battery - life <sup>10</sup>	Palm rest: White Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion, <b>4-cell</b> or <b>Hybrid 8-cell</b> 4-cell: up to 4 hr; 8-cell: up to 10 hr	Limited Warranty¹²
Chipset ExpressCard/34 Multicard reader Ports	Intel NM10 Express Chipset None 6-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	90-day on keyboard, hinges, plastics, power cord, AC adapter  Mail In repair service  Service upgrade options (in eligible locations):9
TV tuner PCIe Mini Card 11b/g/n²8 Bluetooth™ Modem Ethernet Audio support	None Two PCI Express Mini Card slots 11b/g/n wireless⁴, PCIe Mini Card adapter; Intel, Broadcom®, or Atheros chip None None Gigabit ethernet, Broadcom 57780 High Definition (HD) Audio, Conexant® CX20582 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm), Dolby® Headphone™ certified	2-year Mail-In warranty 78Y1544     3-year Mail-In warranty 78Y1547     1-year accidental damage protection via Mail-In 78Y1543     2-year accidental damage protection via Mail-In 78Y1545     3-year accidental damage protection via Mail-In 78Y1548     24x7¹⁵ toll-free support for warranty
Security Fingerprint reader	Power-on password, supervisor password, hard disk password, security keyhole None	issues during the warranty period <sup>12</sup> via 877-453-6686





Lenovo IdeaPad U160



Lenovo IdeaPad U160



Lenovo IdeaPad U160 black cover



Lenovo IdeaPad U160 red cover



Lenovo IdeaPad U160 red cover



Lenovo IdeaPad U160 red cover

	Type-model	Pro cessor	GHz	Max turbo (GHz)	Memory	Widescreen display		Integrated graphics	SATA disk	PCle Mini Card 802.11	Top color	Bluetooth	Battery	Win7 preload	Avail date
≫	0894-5JU	i5-520UM	1.06	1.86	4GB	11.6" HD	1.3M	Intel HD	320GB8	11b/g/n <sup>28</sup>	Black	Bluetooth	6-cell	Prem 32	Jun 10
⊱<	0894-55U	i7-640UM	1.20	2.26	4GB	11.6" HD	1.3M	Intel HD	500GB	11b/g/n	Black	Bluetooth	6-cell	Prem 64	Jun 10
⊱<	0894-59U	i7-640UM	1.20	2.26	4GB	11.6" HD	1.3M	Intel HD	500GB	11b/g/n	Red	Bluetooth	6-cell	Prem 64	Jun 10
<b>1</b> 387	0894-5KU	i5-470UM	1.33	1.86	4GB	11.6" HD	1.3M	Intel HD	500GB	11b/g/n	Red	Bluetooth	6-cell	Prem 64	Nov 10
138	0894-5LU	i5-470UM	1.33	1.86	4GB	11.6" HD	1.3M	Intel HD	500GB	11b/g/n	Black	Bluetooth	6-cell	Prem 64	Nov 10
<b>138</b>	0894-5MU	i3-380UM	1.33		4GB	11.6" HD	1.3M	Intel HD	320GB	11b/g/n	Black	Bluetooth	6-cell	Prem 64	Nov 10

- Thin and light design for easy mobility
- 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® Advanced Audio™ certified audio system with stereo speakers (1.5 watt x 2)
- HDMI port, HDCP-compliant
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; one-spindle Intel® Core™ i3 processor i3-380UM with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 800MHz), 3MB cache or Intel Core i5 processor i5-470UM or i5-520UM with dual-core, DMI, integrated DDR3 memory controller (up to 800MHz), Intel Turbo Boost, Hyper-Threading technology, 3MB cache or Intel Core i7 processor i7-640UM with dual-core, DMI, integrated DDR3 memory controller (up to 800MHz), Intel Turbo Boost, Hyper-Threading technology, and 4MB cache	Preloaded operating system <sup>20</sup> - Some: Genuine Windows® 7 Home Premium 32 - Some: Genuine Windows 7 Home Premium 64  Preloaded applications <sup>14</sup> (only some listed)  • Lenovo® OneKey Recovery • McAfee® VirusScan® Plus (60 days of virus definitions)
Memory	<b>4GB</b> std / 4GB max <sup>7</sup> / <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available	Adobe® Reader®     Windows Live™ Essential     CyberLink YouCam
Diskette drive Optical drive SATA disk	None None <b>320GB</b> (5400 rpm) or <b>500GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, Active Protection System™	oóVoo™     Lenovo ReadyComm     Lenovo Energy Management     Software
Widescreen display Camera	11.6" (294.6mm) HD (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	Lenovo DirectShare     VeriFace™     Lenovo Security Suite     Microsoft Office 2010 preloaded;
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector, HDCP-compliant	purchase product key to activate
Keyboard Light sensor Touch pad	Full-size keyboard, 6-row, multimedia Fn keys, recovery button None Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color	6-cell: (WxDxH): 11.4" x 7.6" x 0.89"; 290mm x 193mm x 22.5mm 6-cell: starting at 3.09 lb (1.4kg) Top: black or red top with texture; Bottom: black or red bottom, color matches top color	
Case material Battery - type Battery - life <sup>10</sup>	Top: Aluminum Bottom: PC/ABS Lithium Ion, 6-cell 6-cell: up to 7 hr	40-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant
Chipset ExpressCard/34	Mobile Intel HM55 Express Chipset None	Limited Warranty <sup>12</sup>
Multicard reader Ports	Secure Digital Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™) Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	<ul> <li>□ 1-year parts and labor</li> <li>□ Depot repair service¹¹</li> <li>□ Service upgrade options         (in eligible locations):²</li> </ul>
TV tuner PCIe Mini Card 11b/g/n²8 Bluetooth™ Modem Ethernet	None Two PCI Express Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Mini Card adapter, Broadcom® BCM4313 or Atheros® AR9285 Bluetooth 2.1 wireless, internal USB 2.0 interface None Gigabit ethernet, Atheros AR8131	1-year Lenovo Onsite Repair <sup>13</sup> 78Y1532     1-year Onsite with accidental damage protection 78Y1533     2-year Lenovo Onsite Repair <sup>13</sup> 78Y1536
Audio support Security	High Definition (HD) Audio, RealTek® ALC269 codec / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ certified / dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm) Administrator password, hard disk password, security keyhole	3-year Lenovo Depot Repair     78Y1538     24x7¹⁶ toll-free support for warranty issues during the warranty period¹²





Lenovo IdeaPad U260 Clementine Orange cover



Lenovo IdeaPad U260



Lenovo IdeaPad U260 Mocha Brown cover



Lenovo IdeaPad U260 Mocha Brown cover



Lenovo IdeaPad U260 Clementine Orange cover



Lenovo IdeaPad U260 Mocha Brown cover

Type-model	Pro cessor	GHz	Max turbo (GHz)	Memory	Widescreen display		Integrated graphics	SATA disk	PCle Mini Card 802.11	Top color	Bluetooth	Battery	Win7 preload	Avail date
0876-33U	i5-470UM	1.33	1.86	4GB	12.5" HD	0.3M	Intel HD	320GB8	Intel 1000	<sup>28</sup> Mocha	Bluetooth	4-cell	Prem 64	Nov 10
0876-32U	i3-380UM	1.33		4GB	12.5" HD	0.3M	Intel HD	320GB	Intel 1000	Mocha	Bluetooth	4-cell	Prem 64	Nov 10
0876-34U	i5-470UM	1.33	1.86	4GB	12.5" HD	0.3M	Intel HD	320GB	Intel 1000	Orange	Bluetooth	4-cell	Prem 64	Nov 10

- · Ultra slim and light design for easy mobility
- 12.5" HD widescreen, anti-glare display with LED backlight
  Breathable Keyboard, an spill-resistant keyboard that also dissipates heat through the keys
- Integrated 0.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
   Dolby® Advanced Audio™ certified audio system with stereo speakers (1 watt x 2)
   HDMI port, HDCP-compliant

- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; one-spindle Intel® Core™ i3 processor i3-380UM with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 800MHz), 3MB cache or Intel Core i5 processor i5-470UM with dual-core, DMI, integrated DDR3 memory controller (up to 800MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows 7 Home Premium 64  Preloaded applications <sup>14</sup> (only some listed)  • Lenovo® OneKey Recovery • McAfee® VirusScan® Plus
Memory	<b>4GB</b> std / 4GB max <sup>7</sup> / <b>PC3-8500 1066MHz DDR3</b> , non-parity, one 204-pin SO-DIMM socket	(60 days of virus definitions)  • Adobe® Reader®
Diskette drive Optical drive SATA disk	None None <b>320GB</b> (5400 rpm) / SATA 3.0Gb/s, 7mm high, 2.5" platter, Active Protection System™	Windows Live™ Essential     CyberLink YouCam     ooVoo™     Lenovo ReadyComm
Widescreen display Camera	12.5" (317.5mm) HD (WXGA 1366x768) TFT color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus	Lenovo Energy Management Software Lenovo DirectShare VeriFace™  VeriFace™
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector, HDCP-compliant	Lenovo Security Suite
Keyboard Light sensor Touch pad	Full-size keyboard, 6-row, spill-resistant, multimedia Fn keys, recovery button Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color  Case material  Battery - type	4-cell: (WxDxH): 12.5" x 8.1" x 0.71"; 318mm x 204.5mm x 18mm 4-cell: starting at 3.04 lb (1.38kg) Top: Clementine Orange or Mocha Brown top; Bottom: Clementine Orange or Mocha Brown, color matches top color Top: magnesium-aluminum alloy Bottom: magnesium-aluminum alloy Lithium Polymer, 4-cell	40-watt AC adapter Wireless on/off switch EPEAT™ Silver rating ENERGY STAR® 5.0-compliant RoHS-compliant
Battery - life <sup>10</sup>	4-cell: up to 4 hr	Limited Warranty <sup>12</sup>
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel QS57 Express Chipset None None Two USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	<ul> <li>         □ 1-year parts and labor         □ Depot repair service¹9         □ Service upgrade options         (in eligible locations):9     </li> </ul>
TV tuner PCIe Mini Card Intel 1000 <sup>28</sup> Bluetooth <sup>TM</sup> Modem Ethernet Audio support  Security Fingerprint reader	None One PCI Express Mini Card slot 11b/g/n wireless⁴, PCIe Mini Card adapter, Intel Centrino® Wireless-N 1000, 1x2 Bluetooth 2.1 wireless, internal USB 2.0 interface None Gigabit ethernet, Atheros AR8151 High Definition (HD) Audio, RealTek® ALC269 codec / stereo speakers (1 watt x 2), Dolby® Advanced Audio™ certified / microphone, microphone input and headphone combo jack (3.5 mm) Administrator password, hard disk password, security keyhole	• 1-year Lenovo Onsite Repair¹³ 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair¹³ 78Y1536 • 3-year Lenovo Depot Repair 78Y1538  ≈ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686





Lenovo IdeaPad U460/U460s



Lenovo IdeaPad U460/U460s



Lenovo IdeaPad U460/U460s Black cover



Lenovo IdeaPad U460/U460s Black cover



Lenovo IdeaPad U460/U460s Midnight Plum cover



Lenovo IdeaPad U460/U460s

	Type-model	Processor	GHz	Max turbo (GHz)		Widescreer display	n Cam- era	Integrated graphics	SATA disk	PCIe Mini Card 802.11	Top color		Blue-	Battery	Win7 preload	Avail date
<b>≫</b>	0877-23U	i3-350M	2.26	None	2GBx2	14.0" HD	1.3M	Intel HD	500GB8	Intel 1000 <sup>28</sup>	Black	Fing	Blue	8-cell	Prem 64	Jul 10
137	0877-2CU	i3-370M	2.40	None	2GBx2	14.0" HD	1.3M	Intel HD	500GB	Intel 1000	Midnight Plum	Fing	Blue	8-cell	Prem 64	Nov 10

- 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® Advanced Audio™ system with two stereo speakers

  • HDMI port, HDCP-compliant

- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; one-spindle Intel® Core™ i3-350M or i3-370M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows <sup>®</sup> 7 Home Premium 64  Preloaded applications <sup>14</sup> (only some
Memory	<b>4GB</b> std / 8GB max <sup>7</sup> / <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets;	listed)  • Lenovo™ OneKey Recovery
Diskette drive SATA optical drive SATA disk	None None <b>500GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, Active Protection System™	Lenovo ReadyComm     McAfee® VirusScan® Plus     (60 days of virus definitions)     Adobe® Reader®
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	Adobe Header     Fingerprint Software     Windows Live™ Essential     CyberLink YouCam
Integrated graphics	Intel HD Graphics in processor, External monitor support via analog VGA DB-15 connector / digital HDMI connector	<ul> <li>VériFace™</li> <li>Lenovo Energy Management</li> </ul>
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, Fn keys, recovery button Power plan button and mute button Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Software  • Lenovo DirectShare  • Lenovo Security Suite  • ooVoo™  • Microsoft Office 2010 preloaded;
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color	(WxDxH): 13.3" x 9.3" x 0.8-1.0"; 338mm x 235mm x 21-24.9mm 8-cell: starting at 4.3 lb (1.95kg) Black top with square weave texture or Midnight Plum with hairline texture, black bottom, and silver palm rest	purchase product key to activate
Case material  Battery - type Battery - life <sup>10</sup>	Top and palm rest: PC/ABS with Aluminum cover; bottom: PC/ABS Lithium Ion 8-cell 8-cell: up to 6 hr	65-watt AC adapter Wireless on/off switch EPEAT <sup>™</sup> Silver rating ENERGY STAR® 5.0-compliant RoHS-compliant
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel HM55 Express Chipset  None 5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	Limited Warranty¹²
TV tuner PCIe Mini Card Intel 1000 <sup>26</sup> Bluetooth™ Modem Ethernet Audio support	None Three PCle Mini Card slots, two full size and one half size 11b/g/n wireless⁴, PCle Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Bluetooth 2.1 wireless, internal USB 2.0 interface None Gigabit ethernet, Atheros® AR8131M High Definition (HD) Audio, RealTek AD259 codec / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm) User password, supervisor password, hard disk password, security keyhole Fingerprint reader on palm rest, swipe sensor	1-year Onsite with accidental damage protection 78Y1533     3-year Lenovo Onsite Repair <sup>13</sup> 9x5 Next Business Day 78Y1540     3-year Lenovo Onsite Repair <sup>13</sup> 9x5 Next Business Day with accidental damage protection 78Y1541     24X7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686

US model announced November 3, 2010; previous model on July 28, 2010

S US model withdrawn effective November 2010

■ Contract To the contract

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(URAL2-1) November 2010

Type-model	Pro- cessor	GHz	Max turbo	Memory	Widescree display		hable	SA di: GB <sup>8</sup>	sk	PCIe N Car 802.	d	Тор		Blue- tooth Battery	Win7	Avail date
0877-22U	i5-450M	2.40	2.66	2GBx2	14.0" HD	Intel HD, (	GeF 305M	500	5400	Intel	100028	Black	Fing	Blue 8-cell	Prem 64	Jul 10
0877-2BU	i5-460M	2.53	2.80	2GBx2	14.0" HD	Intel HD, (	GeF 305M	500	5400	Intel	1000	Midnight Plum Midnight Plum	Fing	Blue 8-cell	Prem 64	Nov 10
0877-25U 0877-26U												Black Black		Blue 8-cell Blue 8-cell		

- 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® Advanced Audio™ system with two stereo speakers
- HDMI port, HDCP-compliant
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; one-spindle Intel® Core™ i5 processor i5-450M, i5-460M, or i5-560M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Home Premium 64 - Preloaded applications <sup>14</sup> (only some
Memory	<b>4GB</b> or <b>6GB</b> std / 8GB max <sup>7</sup> / <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets;	listed)  ■ Lenovo™ OneKey Recovery
Diskette drive SATA optical drive SATA disk	None None <b>500GB</b> (5400 rpm) or <b>500GB</b> (7200 rpm) / SATA 3.0Gb/s, 9.5mm high, Active Protection System™	Lenovo ReadyCómm     McAfee® VirusScan® Plus     (60 days of virus definitions)     Adobe® Reader®     Time The African Control of t
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	<ul> <li>Fingerprint Software</li> <li>Windows Live™ Essential</li> <li>CyberLink YouCam</li> <li>VeriFace™</li> </ul>
Switchable graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics in processor, and NVIDIA® GeForce® 305M, PCI Express® x16, 512MB memory, DirectX® 10.1, NVIDIA PureVideo® HD technology, External monitor support via analog VGA DB-15 connector / digital HDMI connector	Lenovo Energy Management Software     Lenovo DirectShare     Lenovo Security Suite     ooVoo™
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, Fn keys, recovery button GPU switch button, power plan button, and mute button Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Microsoft Office 2010 preloaded; purchase product key to activate
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color	(WxDxH): 13.3" x 9.3" x 0.8-1.0"; 338mm x 235mm x 21-24.9mm 8-cell: starting at 4.3 lb (1.95kg) Black top with square weave texture or Midnight Plum with hairline texture,	
Case material Battery - type	black bottom, and silver palm rest  Top and palm rest: PC/ABS with Aluminum cover;  bottom: PC/ABS  Lithium Ion 8-cell	65-watt AC adapter Wireless on/off switch EPEAT™ Silver rating ENERGY STAR® 5.0-compliant
Battery - life <sup>10</sup>	8-cell: up to 6 hr	RoHS-compliant
Chipset ExpressCard/34 Multicard reader	Mobile Intel HM55 Express Chipset None 5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™,	Limited Warranty¹²
Ports	Secure Digital Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	<ul> <li>Depot repair service¹¹</li> <li>Service upgrade options</li> <li>(in eligible locations):¹</li> </ul>
TV tuner PCIe Mini Card Intel 1000 <sup>28</sup> Bluetooth <sup>™</sup> Modem Ethernet Audio support	None Three PCIe Mini Card slots, two full size and one half size 11b/g/n wireless⁴, PCIe Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Bluetooth 2.1 wireless, internal USB 2.0 interface None Gigabit ethernet, Atheros® AR8131M High Definition (HD) Audio, RealTek AD259 codec / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	1-year Onsite with accidental damage protection 78Y1533     3-year Lenovo Onsite Repair <sup>13</sup> 9x5 Next Business Day 78Y1540     3-year Lenovo Onsite Repair <sup>13</sup> 9x5 Next Business Day with accidental damage protection 78Y1541     24x7 <sup>16</sup> toll-free support for warranty
Security Fingerprint reader	User password, supervisor password, hard disk password, security keyhole Fingerprint reader on palm rest, swipe sensor	issues during the warranty period <sup>12</sup> via 877-453-6686

US models announced December 1, 2010; previous models on July 28 or November 3, 2010

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Max turbo Type-model Processor GHz (GHz) Memor	Widescreen Cam display era	- Switchable graphics	SATA disk	PCle Mini Card 802.11	Top color	Finger print reader	Blue- tooth Battery	Win7 preload	Avail date
0885-25U i3-330UM 1.20 None 2GBx2 0885-26U i3-330UM 1.20 None 2G+10							Blue 8-cell Blue 8-cell		

- 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® Advanced Audio™ system with two stereo speakers

   HDMI port, HDCP-compliant

   Lenov S veri acc recognizing your face

   Dolby® Advanced Audio™ system with two stereo speakers

   HDMI port, HDCP-compliant

   Lenov Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; one-spindle Intel® Core™ i3 processor i3-330UM with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 800MHz), Hyper-Threading technology and 3MB cache	Preloaded operating system <sup>20</sup> - Some: Genuine Windows® 7 Home Premium 32 - Some: Genuine Windows 7
Memory	<b>3GB</b> or <b>4GB</b> std / 8GB max <sup>7</sup> / <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets;	Home Premium 64  Preloaded applications <sup>14</sup> (only some
Diskette drive SATA optical drive SATA disk	None None <b>250GB</b> (5400 rpm) or <b>320GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, Active Protection System™	listed)  • Lenovo™ OneKey Recovery  • Lenovo ReadyComm  • McAfee® VirusScan® Plus
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	<ul> <li>(60 days of virus definitions)</li> <li>Adobe® Reader®</li> <li>Fingerprint Software</li> <li>Windows Live™ Essential</li> </ul>
Switchable graphics	Switches between discrete and integrated graphics via graphics mode software  Intel HD Graphics in processor, and  NVIDIA® GeForce® 305M, PCI Express® x16, 512MB memory, DirectX® 10.1,  NVIDIA PureVideo® HD technology,  External monitor support via analog VGA DB-15 connector / digital HDMI connector	<ul> <li>CyberLink YouCam</li> <li>VeriFace™</li> <li>Lenovo Energy Management Software</li> <li>Lenovo DirectShare</li> </ul>
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, Fn keys, recovery button GPU switch button, power plan button, and mute button Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	<ul> <li>Lenovo Security Suite</li> <li>ooVoo™</li> <li>Microsoft Office 2010 preloaded; purchase product key to activate</li> </ul>
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 13.3" x 9.3" x 0.8-1.0"; 338mm x 235mm x 21-24.9mm 8-cell: starting at 4.3 lb (1.95kg) Black top with square weave texture, black bottom, and silver palm rest Top and palm rest: PC/ABS with Aluminum cover; bottom: PC/ABS Lithium Ion 8-cell 8-cell: up to 8 hr	65-watt AC adapter Wireless on/off switch EPEAT™ Silver rating ENERGY STAR® 5.0-compliant RoHS-compliant
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel HM55 Express Chipset None 5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	Limited Warranty¹²  ⇒ 1-year parts and labor ⇒ Depot repair service¹⁰ ⇒ Service upgrade options (in eligible locations):⁰
TV tuner PCIe Mini Card 11b/g/n²8 Bluetooth™ Modem Ethernet Audio support  Security Fingerprint reader	None Three PCIe Mini Card slots, two full size and one half size 11b/g/n wireless⁴, PCIe Mini Card, Broadcom® or Atheros® chip Bluetooth 2.1 wireless, internal USB 2.0 interface None Gigabit ethernet, Atheros® AR8131M High Definition (HD) Audio, RealTek AD259 codec / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm) User password, supervisor password, hard disk password, security keyhole Fingerprint reader on palm rest, swipe sensor	1-year Onsite with accidental damage protection 78Y1533     3-year Lenovo Onsite Repair <sup>13</sup> 9x5 Next Business Day 78Y1540     3-year Lenovo Onsite Repair <sup>13</sup> 9x5 Next Business Day with accidental damage protection 78Y1541     24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686







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 Cam- display era		Integrated graphics			PCIe Mini Card 802.11	Finger Top print Blue- color reader tooth				Avail date
	3749-5EU	SU4100	1.30	3GB	15.6" HD	1.3M	GMA 4500MHD	250GB8	DVD±RW	Intel 5100 <sup>28</sup>	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						GMA 4500MHD			Intel 5100	Black Fing			Prem 64	
ß	3749-5BU	SU4100	1.30	3GB	15.6" HD	1.3M	GMA 4500MHD	250GB	$DVD\pm RW$	11b/g <sup>11</sup>	Black Fing		6-cell	Prem 32	Apr 10

- 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® 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 <sup>20</sup> - Some: Genuine Windows® 7 Home Premium 32 - Some: Genuine Windows 7 Home Premium 64
Memory	<b>3GB</b> or <b>4GB</b> std / 8GB max <sup>7</sup> / <b>PC3-8500 1066MHz DDR3</b> , 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
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 3.0Gb/s, 9.5mm high, not removable	Lenovo ReadyComm     McAfee VirusScan® Plus     (60 days of virus definitions)     Adobe® Reader®
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	Fingerprint Software     Easy Capture     Microsoft® Office 2007 Trial (60-day)     VeriFace™
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)	Lenovo Energy Management     Software     Cyberlink Power2Go (DVD±RW)
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 <sup>3</sup> Weight <sup>2</sup> Case color Case material	(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	C5 wath AO adapter
Battery - life <sup>10</sup>	Lithium Ion 6-cell 6-cell: up to 6 hr	65-watt AC adapter Wireless on/off switch EPEAT™ Silver rating
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)	ENERGY STAR® 5.0-compliant RoHS-compliant
ExpressCard/34 Multicard reader	None 4-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)	Limited Warranty <sup>12</sup>
Ports  TV tuner PCIe Mini Card 11b/g¹¹ Intel 5100²8 Bluetooth™ Modem	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  None Two Mini PCI Express slots  Some: 11b/g wireless <sup>4</sup> , PCle Mini Card, Broadcom® BCM4312  Some: 11a/b/g/n wireless <sup>4</sup> , PCle Mini Card, Intel WiFi Link 5100, 1x2 (Shirley Peak)  Some: Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator  None	Service upgrade options (in eligible locations):  1-year Onsite with accidental damage protection 78Y1533  3-year Lenovo Onsite Repair <sup>13</sup> 9x5 Next Business Day 78Y1540  3-year Lenovo Onsite Repair <sup>13</sup>
Ethernet Audio support Security Fingerprint reader	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 Fingerprint reader on palm rest, swipe sensor	9x5 Next Business Day with accidental damage protection 78Y1541 ≈ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686

Type-model cessor	GHz Memory display era	graphics	disk	optical	wireless	color reader	tooth Battery	y preload	date
Pro-	Widescreen Cam-		SATA	SATA	802.11	Top print	Blue-	Win 7	Avail
					Mini PCle	Finger			

3749-55U SU7300 1.30 4GB 15.6" HD 1.3M GMA, HD4330 320GB8 DVD±RW ∴ Intel 510028 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<sup>®</sup> Home Sound Room<sup>™</sup> 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 <sup>20</sup> - Genuine Windows® 7 Home Premium 64
Memory	<b>4GB</b> std / 8GB max <sup>7</sup> / <b>PC3-8500 1066MHz DDR3</b> , 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
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in <b>320GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, not removable	Lenovo ReadyComm     McAfee VirusScan® Plus     (60 days of virus definitions)
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	Adobe® Reader®     Fingerprint Software     Easy Capture     Microsoft® Office 2007 Trial (60-day)
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	VeriFace™     Lenovo Energy Management     Software     Cyberlink Power2Go (DVD±RW)
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 <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(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 4 hr (discrete graphics); up to 6 hr (integrated graphics)	65-watt AC adapter Wireless on/off switch EPEAT™ Silver rating ENERGY STAR® 5.0-compliant
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)	RoHS-compliant  Limited Warranty <sup>12</sup>
ExpressCard/34 Multicard reader	None 4-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)	<ul> <li>→ 1-year parts and labor</li> <li>→ Depot repair service<sup>19</sup></li> <li>→ Service upgrade options</li> </ul>
Ports TV tuner Mini PCI Express Intel 5100 <sup>28</sup> Bluetooth <sup>™</sup> Modem Ethernet Audio support	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  None Two Mini PCI Express slots 11a/b/g/n wireless⁴, 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 Fingerprint reader on palm rest, swipe sensor	(in eligible locations):  • 1-year Onsite with accidental damage protection 78Y1533  • 3-year Lenovo Onsite Repair <sup>13</sup> 9x5 Next Business Day 78Y1540  • 3-year Lenovo Onsite Repair <sup>13</sup> 9x5 Next Business Day with accidental damage protection 78Y1541  = 24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686





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Lenovo IdeaPad V460

Lenovo IdeaPad V460





Lenovo IdeaPad V460

Lenovo IdeaPad V460





Lenovo IdeaPad V460

Lenovo IdeaPad V460

	Type-model	Pro- cessor	tı	Max urbo GHz)	Memory	Widescreen display	CCFL or LED	Cam- era	Integrated graphics		SATA optical	PCIe Mini Card 802.11	Top color		Blue- tooth	Win7 preload	Avail date
≽<	0886-27U	i3-330M	2.13 N	lone	4GB	14.0" HD	LED	1.3M	Intel HD	320GB8	DVD±RW	Intel 1000	Black	Fing	Blue	Prem 64	Mar 10
<b>B</b>	0886-2PU	i3-370M	2.40 N	lone	4GB	14.0" HD	LED	1.3M	Intel HD	320GB	DVD±RW	Intel 1000	Black	Fing	Blue	Prem 64	Dec 10

- 14.0" widescreen, glossy display with LED backlight
- Integrated 1.3 megapixel camera
- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- Fingerprint reader for easy and secure login
- BioExcess provides a convenient way to quickly encrypt or decrypt files, switch accounts, and manage password
- USB Port Locker prevents unauthorized access by requiring fingerprint scan to unlock
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

- ··· ·		
Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i3 processor i3-330M or i3-370M with dual-core.	Preloaded operating system <sup>20</sup> - Genuine Windows® 7
	DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz),	Home Premium 64
	Hyper-Threading technology, and 3MB cache or	Preloaded applications <sup>14</sup> (only some
Memory	4GB std / 8GB max <sup>7</sup> ; PC3-8500 1066MHz DDR3, non-parity,	listed)
	dual-channel capable, two 204-pin SO-DIMM sockets  Italics: standard memory in both sockets; no sockets available;	<ul><li>Lenovo OneKey Recovery</li><li>Lenovo ReadyComm</li></ul>
Diskette drive	None	McAfee® VirusScan® Plus
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	(60 days of virus definitions)
SATA disk	<b>320GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, Active Protection System™	Adobe® Reader®     Windows Live Essential
Widescreen	14.0" (355.6mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy);	CyberLink YouCam
display Camera	<b>LED backlight</b> , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator	<ul> <li>Microsoft Office 2010 preloaded;</li> </ul>
Integrated	Intel HD Graphics in processor,	purchase product key to activate     Lenovo Energy Management
graphics	external analog monitor support via VGA DB-15 connector	Software
Keyboard	Full-size keyboard, 6-row, recovery key	Cyberlink Power2Go (DVD±RW)     Lenovo Security Suite
Touch controls Light sensor	Touch-sensitive buttons for volume +/-, mute, and Lenovo Security Suite None	USB Port Locker
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)	BioExcess
Dimensions <sup>3</sup>	(WxDxH): 13.4" x 9.2" x 0.8" to 1.3"; 340mm x 234.6mm x 20.2mm to 32.9mm	
Weight <sup>2</sup>	with optical drive and battery: 6-cell: 4.85 lb (2.2 kg)	65-watt AC adapter
Case color Case material	Black top, black bottom  Top and palm rest: Aluminum	Wireless on/off switch
Oase material	Bottom: Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	ENERGY STAR® 5.0-compliant RoHS-compliant
Battery - type	Lithium Ion 6-cell	'
Battery - life <sup>10</sup>	Up to 4 hr	Limited Warranty <sup>12</sup>
Chipset ExpressCard/34	Mobile Intel HM55 Express Chipset One slot (ExpressCard/34)	⇒ 1-year parts and labor
Multicard reader	4-in-1 reader (MMC, Memory Stick PRO™, Secure Digital Card, SDHC Card)	<ul> <li>Depot repair service¹⁰</li> <li>Service upgrade options</li> </ul>
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	(in eligible locations):9
TV tuner	None	• 1-year Lenovo Onsite Repair <sup>13</sup>
PCIe Mini Card Intel 1000	Two PCIe Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2	78Y1532  • 1-year Onsite with accidental
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface	damage protection 78Y1533
Modem	None	2-year Lenovo Onsite Repair <sup>13</sup> 79V1526
Ethernet Audio support	Gigabit ethernet, Atheros® AR8131, PCIe x1 High Definition (HD) Audio, RealTek® ALC269 codec /	78Y1536 • 3-year Lenovo Depot Repair
radio oupport	stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm),	78Y1538
0 "	headphone jack (stereo, 3.5 mm)	≈ 24x7¹6 toll-free support for warranty
Security Fingerprint reader	Power-on password, hard disk password, supervisor password, security lockhole Fingerprint reader on palm rest, swipe sensor	issues during the warranty period <sup>12</sup> via 877-453-6686
ingcipini readel	i ingerprint reader on paint rest, swipe sensor	5.7 100 0000

us model announced December 1, 2010; previous model on March 24, 2010

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(ALM1-1) December 2010

	Type-model	Pro- cessor	GHz	Max turbo (GHz)		Widescreen			Switchable graphics	SATA disk GB <sup>8</sup> rpm	SATA optical	PCIe Mini Card 802.11	Top	Finge print reade		Avail date
≽<	0886-26U	i5-430M	2.26	2.53	4GB	14.0" HD	LED	Intel HD,	GF 310M 512MB	320GB 5400	DVD±RW	Intel 1000	Black	Fing	Prem 64	Mar 10
									GF 310M 1GB							
138	0886-2NU	i5-460M	2 53	2 80	4GR	14 0" HD	I FD	Intel HD	GF 310M 512MB	500GB 5400	DVD+RW	Intel 1000	Black	Fina	Prem 64	Dec 10

- 14.0" widescreen, glossy display with LED backlight
- Dynamic switching between discrete and integrated graphics (user selectable)
- Integrated 1.3 megapixel camera
- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- Fingerprint reader for easy and secure login
- BioExcess provides a convenient way to quickly encrypt or decrypt files, switch accounts, and manage password
- USB Port Locker prevents unauthorized access by requiring fingerprint scan to unlock
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i5 processor i5-430M, i5-460M, or i5-560M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows <sup>®</sup> 7 Home Premium 64 - Preloaded applications <sup>14</sup> (only some
Memory	4GB std / 8GB max <sup>7</sup> ; 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	listed)  Lenovo OneKey Recovery  Lenovo ReadyComm
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 320GB (5400 rpm), 500GB (5400 rpm), or 500GB (7200 rpm) / SATA 3.0Gb/s, 9.5mm high, Active Protection System™	McAfee® VirusScan® Plus     (60 days of virus definitions)     Adobe® Reader®     Windows Live Essential
Widescreen display Camera	14.0" (355.6mm) 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, LED indicator	CyberLink YouCam     Microsoft Office 2010 preloaded; purchase product key to activate     Lenovo Energy Management
Switchable graphics	Switches between discrete and integrated graphics via graphic switch Intel HD Graphics in processor, and NVIDIA® GeForce® 310M, PCI Express x16, 512MB or 1GB memory, DirectX 10.1, PureVideo® HD technology, CUDA™ technology, VGA, HDMI, HDCP-compliant	Software Cyberlink Power2Go (DVD±RW) Lenovo Security Suite USB Port Locker
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key Touch-sensitive buttons for volume +/-, mute, and Lenovo Security Suite None Two-button touch pad with scroll feature (no TrackPoint®)	BioExcess
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type	(WxDxH): 13.4" x 9.2" x 0.8" to 1.3"; 340mm x 234.6mm x 20.2mm to 32.9mm with optical drive and battery: 6-cell: 4.85 lb (2.2 kg) Black top, black bottom Top and palm rest: Aluminum Bottom: Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell	65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant
Battery - life <sup>10</sup>	Up to 4 hr	Limited Warranty <sup>12</sup>
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel HM55 Express Chipset One slot (ExpressCard/34) 4-in-1 reader (MMC, Memory Stick PRO™, Secure Digital Card, SDHC Card) Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	<ul> <li>1-year parts and labor</li> <li>Depot repair service<sup>19</sup></li> <li>Service upgrade options (in eligible locations):<sup>9</sup></li> </ul>
TV tuner PCIe Mini Card Intel 1000 Bluetooth™ Modem Ethernet Audio support	None Two PCIe Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Bluetooth 2.1 wireless + EDR, USB 2.0 interface None Gigabit ethernet, Atheros® AR8131, PCIe x1 High Definition (HD) Audio, RealTek® ALC269 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)	1-year Lenovo Onsite Repair <sup>13</sup> 78Y1532     1-year Onsite with accidental damage protection 78Y1533     2-year Lenovo Onsite Repair <sup>13</sup> 78Y1536     3-year Lenovo Depot Repair     78Y1538      24x7 <sup>16</sup> toll-free support for warranty
Security Fingerprint reader	Power-on password, hard disk password, supervisor password, security lockhole Fingerprint reader on palm rest, swipe sensor	issues during the warranty period <sup>12</sup> via 877-453-6686

us models announced December 1, 2010; previous model on March 24, 2010

S US model withdrawn effective December 2010

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(ALM1-2) December 2010





Lenovo IdeaPad Y460



Lenovo IdeaPad Y460





Lenovo IdeaPad Y460

Lenovo IdeaPad Y460





Lenovo IdeaPad Y460

					CCFL					PCle Mini				
Type-model	Pro- cessor	GHz	Memory \	Widescreen display	or LED	Cam- era	Integrated graphics	SATA disk	SATA optical	Card 802.11	Top color	Bluetooth	Win7 preload	Avail date
≈ 0633-47U i	3-330M	2.13	4GB	14.0" HD	LED	1.3M	Intel HD	320GB8	DVD±RW	Intel 1000	Black	Bluetooth	Prem 64	Mar 10
0633-4DU i	3-350M	2.26	4GB	14.0" HD	LED	1.3M	Intel HD	500GB	DVD±RW	Intel 1000	Black	Bluetooth	Prem 64	Nov 10
0633-4FU i	3-370M	2.40	4GB	14.0" HD	LED	1.3M	Intel HD	500GB	DVD±RW	Intel 1000	Black	Bluetooth	Prem 64	Nov 10
☞ 0633-4EU i	3-370M	2.40	3GB	14.0" HD	LED	1.3M	Intel HD	500GB	DVD±RW	Intel 1000	Black	Bluetooth	Prem 32	Dec 10

- 14.0" widescreen, glossy display with LED backlight
- Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two JBL® stereo speakers
- 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
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i3 processor i3-330M, i3-350M, or i3-370M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Some: Genuine Windows® 7 Home Premium 32 - Some: Genuine Windows 7
Memory	<b>3GB</b> or <b>4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available;	Home Premium 64  Preloaded applications <sup>14</sup> (only some listed)
Diskette drive SATA optical SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 320GB (5400 rpm) or 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	Lenovo OneKey Recovery     Lenovo ReadyComm     ooVoo™     MANAGE Name Comm Physics
Widescreen display Camera	14.0" (355.6mm) 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, LED indicator	McAfee® VirusScan® Plus (60 days of virus definitions) Adobe® Reader® Windows Live Essential
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant	CyberLink YouCam     Microsoft Office 2010 preloaded; purchase product key to activate
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key Lenovo SlideNav bar, Power on, OneKey Theater, and Energy Management keys mute, volume up, volume down buttons Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	VeriFace™     Lenovo Energy Management     Software     Cyberlink Power2Go (DVD±RW)     Media Show     Lenovo DirectShare
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 13.4" x 9.3" x 0.8" to 1.3"; 340mm x 235mm x 20mm to 32.8mm with optical drive and battery: 6-cell: 4.71 lb (2.1 kg) Black top with engraved pattern, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 4 hr	Lenovo Directshare     Lenovo SideNav  65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel HM55 Express Chipset One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	RoHS-compliant  Limited Warranty <sup>12</sup> 1-year parts and labor  Depot repair service <sup>19</sup> Service upgrade options
TV tuner PCIe Mini Card Intel 1000 Bluetooth™ Modem Ethernet Audio support	None Two PCle Mini Card slots 11b/g/n wireless <sup>4</sup> , PCle Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator None Gigabit ethernet, Broadcom® BCM57780, PCle x1 High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm) Power-on password, hard disk password, supervisor password, security lockhole	(in eligible locations): <sup>9</sup> • 1-year Lenovo Onsite Repair <sup>13</sup> - 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair <sup>13</sup> - 78Y1536 • 3-year Lenovo Depot Repair - 78Y1538  24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup>

us model announced December 1, 2010; previous models on February 16 or November 3, 2010

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(GL1-1) December 2010

Type-model	Pro- cessor	Max turbo GHz (GHz)	Widescreen y display	CCFL or LED	Cam- era	Switchable graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Blue- tooth	Win7 preload	Avail date
	3-330M 5-430M	2.13 2.26 2.53	14.0" WXGA 14.0" WXGA							Black		Prem 64 Prem 64	Mar 10 Mar 10

- 14.0" widescreen, glossy display with LED backlight
- Dynamic switching between discrete and integrated graphics (user selectable)
- Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two JBL® stereo speakers
- 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
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i3 processor i3-330M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or Intel Core i5 processor i5-430M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Home Premium 64  Preloaded applications <sup>14</sup> (only some listed)  • Lenovo OneKey Recovery  • Lenovo ReadyComm
Memory	4GB std / 8GB max <sup>7</sup> ; PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets standard memory in both sockets; no sockets available	<ul> <li>ooVoo™</li> <li>McAfee® VirusScan® Plus (60 days of virus definitions)</li> </ul>
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	Àdobe® Reader®     Windows Live Essential     CyberLink YouCam
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, LED indicator	<ul> <li>Microsoft Office 2010 preloaded; purchase product key to activate</li> <li>VeriFace™</li> <li>Lenovo Energy Management</li> </ul>
Switchable graphics	Switches between discrete and integrated graphics via graphic switch Intel HD Graphics in processor, and ATI™ Mobility Radeon™ HD 5650, PCI Express® x16, 1GB memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant	Software Cyberlink Power2Go (DVD±RW) Media Show Lenovo DirectShare
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key Lenovo SlideNav bar, Power on, OneKey Theater, and Energy Management keys mute, volume up, volume down buttons Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Lenovo SlideNav
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 13.4" x 9.3" x 0.8" to 1.3"; 340mm x 235mm x 20mm to 32.8mm with optical drive and battery: 6-cell: 4.85 lb (2.2 kg) Black top with engraved pattern, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 3.5 hr	90-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant
Chipset ExpressCard/34 Multicard reader	Mobile Intel HM55 Express Chipset One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™,	RoHS-compliant  Limited Warranty <sup>12</sup>
Ports	Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	<ul> <li>→ 1-year parts and labor</li> <li>→ Depot repair service<sup>19</sup></li> <li>→ Service upgrade options</li> </ul>
TV tuner PCIe Mini Card Intel 1000 Bluetooth™ Modem Ethernet Audio support	None Two PCle Mini Card slots 11b/g/n wireless <sup>4</sup> , PCle Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 None None Gigabit ethernet, Broadcom® BCM57780, PCle x1 High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)	(in eligible locations):  • 1-year Lenovo Onsite Repair <sup>13</sup> 78Y1532  • 1-year Onsite with accidental damage protection 78Y1533  • 2-year Lenovo Onsite Repair <sup>13</sup> 78Y1536  • 3-year Lenovo Depot Repair 78Y1538  ≈ 24x7 <sup>16</sup> toll-free support for warranty
Security Fingerprint reader	Power-on password, hard disk password, supervisor password, security lockhole None	issues during the warranty period <sup>12</sup> via 877-453-6686

Type-model	Pro- cessor	Max turbo GHz (GHz)		Widescreen display	CCFL or LED	Cam- era	Switchable graphics	SATA disk	SATA optical	PCle Mini Card 802.11	Top color	Blue- tooth	Win7 preload	Avail date
0633-46U 0633-4GU 0633-4HU 0633-4JU	i5-460M i5-560M	2.53 2.80 2.66 3.20	4GB 4GB	14.0" HD 14.0" HD 14.0" HD 14.0" HD	LED LED	1.3M 1.3M	Intel HD, HD 5650 Intel HD, HD 5650 Intel HD, HD 5650 Intel HD, HD 5650	500GB 500GB	DVD±RW Blu-ray	Intel 1000 Intel 1000	Black	Blue Blue	Prem 64 Prem 64 Prem 64 Prem 64	Mar 10 Nov 10 Nov 10 Dec 10
	•	other free Integrates helps con Touch particular to Dolby Hambient Lenovo I booting to DoneKey Touch switch	Deskto quently ed 1.3 m ntrol ac ad supp lome Th Light S ditions Rescue into Wil Theater hing fro	op Navigator v used prograegapixel ca ccess to you ports multi-ta eater® pren Sensor auto System pro adows allows pres om normal n	r easily rams in the court of t	y togg with to and L ebook function ally ad Onek one ke one ke	nd integrated grap ples among shortch puch-sensitive Slid enovo's VeriFace f by recognizing yo on (pinch, expansi system with two Jl ljusts screen brigh (ey™ recovery and ey to optimize vide vie mode 010 Product Key Re	uts, files leNav ba lace reco ur face on, chira BL® ster tness ba l OneKey o and au	e, and  ar  ognition so  al motion)  eo speake,  ased on su  y Antivirus  udio experi	oftware rs urrounding without				

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i5 processor i5-460M, i5-520M, or i5-560M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Home Premium 64  Preloaded applications <sup>14</sup> (only some
Memory	4GB std / 8GB max <sup>7</sup> ; 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	listed)  Lenovo OneKey Recovery  Lenovo ReadyComm
Diskette drive SATA optical SATA disk	None Some: DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in Some: Blu-ray <sup>™</sup> Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in <b>500GB</b> (5400 rpm) or <b>750GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	<ul> <li>ooVoo™</li> <li>McAfee® VirusScan® Plus (60 days of virus definitions)</li> <li>Adobe® Reader®</li> </ul>
Widescreen display Camera	14.0" (355.6mm) 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, LED indicator	Windows Live Essential     CyberLink YouCam     Microsoft Office 2010 preloaded;     purchase product key to activate
Switchable graphics	Switches between discrete and integrated graphics via graphic switch Intel HD Graphics in processor, and ATI™ Mobility Radeon™ HD 5650, PCI Express® x16, 1GB memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant	<ul> <li>VeriFace™</li> <li>Lenovo Energy Management Software</li> <li>Cyberlink Power2Go (DVD±RW)</li> </ul>
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key Lenovo SlideNav bar, Power on, OneKey Theater, and Energy Management keys, mute, volume up, volume down buttons Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Media Show     Lenovo DirectShare     Lenovo SlideNav
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup> Chipset	(WxDxH): 13.4" x 9.3" x 0.8" to 1.3"; 340mm x 235mm x 20mm to 32.8mm with optical drive and battery: 6-cell: 4.85lb (2.2 kg) Black top with engraved pattern, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 3.5 hr  Mobile Intel HM55 Express Chipset	90-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
ExpressCard/34 Multicard reader Ports	One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	Limited Warranty¹²
TV tuner PCIe Mini Card Intel 1000 Bluetooth™ Modem Ethernet Audio support	None Two PCIe Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator None Gigabit ethernet, Broadcom® BCM57780, PCIe x1 High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm) Power-on password, hard disk password, supervisor password, security lockhole	(in eligible locations):9 • 1-year Lenovo Onsite Repair¹³ - 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair¹³ - 78Y1536 • 3-year Lenovo Depot Repair - 78Y1538  ≈ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686

See footnotes for important warranty information

"" US model announced December 1, 2010; previous models on February 16 or November 3, 2010

"" US model withdrawn effective November 2010

## IdeaPad™ Y460p (4395) - AMD® Radeon™ (Windows 7) - web only models Personal Systems Reference (PSREF)

Type-model	Pro- cessor	GHz	Max turbo (GHz)	Memory	Widescreen	CCFL or LED	Cam- era	Discrete graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	Top color	Blue- tooth	Win7 preload	Avail date
4395-22U i	3-2310M	2.10		2GBx2	14.0" HD	LED	1.3M	HD 6550M	500GB8		DVD±RW	Intel 1000	Black	Blue	Prem 64	Jan 11
4395-23U i	5-2410M	2.30	2.90	4+2GB	14.0" HD	LED	1.3M	HD 6550M	500GB		DVD±RW	Intel 1000	Black	Blue	Prem 64	Jan 11
4395-24U i	7-2630QM	2.00	2.90	4GBx2	14.0" HD	LED	1.3M	HD 6550M	750GB		DVD±RW	Intel 1000	Black	Blue	Prem 64	Jan 11
4395-25U i	7-2630QM	2.00	2.90	4GBx2	14.0" HD	LED	1.3M	HD 6550M	750GB	32GB	Blu-ray	Intel 1000	Black	Blue	Prem 64	Jan 11

- 14.0" widescreen, glossy display with LED backlight
- Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two JBL® stereo speakers
   Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i3-2310M processor (dual-core, 2.10GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), HT technology Intel Core i5-2410M processor (dual-core, 2.30GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology Intel Core i7-2630QM processor (quad-core, 2.00 GHz, 6MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Home Premium 64  Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm
Memory	8GB max <sup>7</sup> ; <b>PC3-10600 1333MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	ooVoo™     McAfee® VirusScan® Plus
Diskette drive SATA optical SATA disk mSATA™ SSD	None Some: DVD burner, dual-layer support, 12.7mm high, tray-in Some: Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in 500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high Some: 32GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot	<ul> <li>(60 days of virus definitions)</li> <li>Adobe® Reader®</li> <li>Windows Live Essential</li> <li>CyberLink YouCam</li> <li>Microsoft Office 2010 preloaded;</li> </ul>
Widescreen display Camera	14.0" (355.6mm) 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, LED indicator	purchase product key to activate  • VeriFace™  • Lenovo Energy Management Software
Discrete graphics	<b>AMD</b> <sup>™</sup> <b>Radeon HD 6550M Graphics</b> , PCI Express® x16, <b>1GB</b> memory, DirectX® 11, VGA connector, HDMI connector, HDCP-compliant	Cyberlink Power2Go     (DVD±RW, Blu-ray)
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key Lenovo SlideNav bar, Power on, OneKey Theater, and Energy Management keys, mute, volume up, volume down buttons None Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Lenovo DirectShare     Lenovo SlideNav
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 13.4" x 9.3" x 0.8" to 1.3"; 340mm x 235mm x 20mm to 33.8mm with optical drive and battery: 6-cell: 4.85lb (2.2 kg) Black top with hairline texture, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 3.5 hr	Dual-core models: 90-watt AC adapter Quad-core models: 120-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel HM65 Express Chipset None 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	RoHS-compliant  Limited Warranty <sup>12</sup> 1-year parts and labor  Depot repair service <sup>19</sup> Service upgrade options
TV tuner PCIe Mini Card Intel 1000 Bluetooth™ Modem Ethernet Audio support  Security Fingerprint reader	None Two PCIe Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator None Gigabit ethernet, Broadcom® BCM57780, PCIe x1 High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm) Hard disk password, supervisor password, security lockhole	(in eligible locations):9 • 1-year Lenovo Onsite Repair <sup>13</sup> 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair <sup>13</sup> 78Y1536 • 3-year Lenovo Depot Repair 78Y1538  ≥ 24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686





Lenovo IdeaPad Y560



Lenovo IdeaPad Y560







Lenovo IdeaPad Y560





Lenovo IdeaPad Y560



Lenovo IdeaPad Y560

Lenovo IdeaPad Y560

Pro- Type-model cessor	Max turbo GHz (GHz) Memory (M	CCFL Widescreen or Hz) display LED	Cam-Integrated	SATA disk GB <sup>8</sup> rpm	SATA optical	PCle Mini Card 802.11	Top color	Blue- tooth	Win7 preload	Avail date
0646-55U i3-370M 0646-53U i5-460M 0646-52U i5-460M	2.40 2GBx2 106 2.53 2.80 2GBx2 106 2.53 2.80 4+2GB 106		1.3M Intel HD	500GB 5400 500GB 5400 500GB 5400	DVD±RW	11b/ğ/n	Black	None	Prem 64 Prem 64 Prem 64	Aug 10

- 15.6" widescreen, glossy display with LED backlight
- Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two JBL® stereo speakers
- 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
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning	Widescreen flexibility; two-spindle	Preloaded operating system <sup>20</sup>
Processor	Intel® Core™ i3 processor i3-370M with dual-core.	- Genuine Windows® 7
1 10003301	DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz),	Home Premium 64
	Hyper-Threading technology, and 3MB cache or	
	Intel Core i5 processor i5-460M with dual-core,	Preloaded applications <sup>14</sup> (only some
	DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz),	listed)
	Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Lenovo OneKey Recovery
Mamani	7 71 0 07	Lenovo ReadyComm
Memory	4GB or 6GB std / 8GB max <sup>7</sup> ; PC3-8500 1066MHz DDR3, non-parity,	• 00V00™
	dual-channel capable, two 204-pin SO-DIMM sockets	McAfee® VirusScan® Plus     (60 days of virus definitions)
Diskette drive	None	(60 days of virus definitions)
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	Adobe® Reader®  Windows Live Forestick
SATA disk	<b>500GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	Windows Live Essential     Cylory intervention
Widescreen	15.6" (396.2mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy);	<ul> <li>CyberLink YouCam</li> <li>Microsoft Office 2010 preloaded;</li> </ul>
display	LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	purchase product key to activate
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator	VeriFace™
Integrated	Intel HD Graphics in processor,	Lenovo Energy Management
graphics	external analog monitor support via VGA DB-15 connector and digital monitor support	Software
3	via HDMI, HDCP-compliant	Cyberlink Power2Go (DVD±RW)
Keyboard	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons	Media Show
Touch controls	Lenovo SlideNav bar, OneKey Theater and Energy Management keys	Lenovo DirectShare
Light sensor	Ambient light sensor	Lenovo SlideNav
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
		-
Dimensions <sup>3</sup>	(WxDxH): 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm	
Weight <sup>2</sup>	with optical drive and battery: 6-cell: 5.95lb (2.7 kg)	
Case color Case material	Black top with engraved pattern, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	65-watt AC adapter
	Lithium Ion 6-cell	Wireless on/off switch
Battery - type Battery - life <sup>10</sup>	Up to 4 hr	EPEAT™ Gold rating
	· ·	ENERGY STAR® 5.0-compliant RoHS-compliant
Chipset	Mobile Intel HM55 Express Chipset	Rons-compilant
ExpressCard/34	One slot (ExpressCard/34)	Limited Wessenty 12
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™,	Limited Warranty <sup>12</sup>
Б.	Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)	1-year parts and labor
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15,	→ Depot repair service¹9
	HDMI), ethernet (RJ-45)	Service upgrade options
TV tuner	None	(in eligible locations):9
PCIe Mini Card	Three PCIe Mini Card slots	1-year Lenovo Onsite Repair <sup>13</sup>
11b/g/n <sup>28</sup>	11b/g/n wireless4, PCIe Half Mini Card, Broadcom® chip or Atheros® chip	78Y1532
Bluetooth™	None	1-year Onsite with accidental
Modem	None	damage protection 78Y1533
Ethernet	Gigabit ethernet, Broadcom® BCM57780, PCle x1	2-year Lenovo Onsite Repair <sup>13</sup> 70/4500
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec /	78Y1536
	JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System /	3-year Lenovo Depot Repair     70\/1500
	dual array microphone, microphone input jack (3.5 mm),	78Y1538
0	headphone jack (S/PDIF-out) (stereo, 3.5 mm)	⇒ 24x7¹⁶ toll-free support for warranty issues during the warranty paried¹²
Security	Power-on password, hard disk password, supervisor password,, security lockhole	issues during the warranty period <sup>12</sup> via 877-453-6686
Fingerprint reader	None	Via 0//-453-0000

				Max			CCFL					PCle Mini				
	Type-model	Pro- cessor		turbo (GHz)		Widescreen display	or LED	Cam- era	Switchable graphics	SATA disk	SATA optical	Card 802.11	Top color	Blue- tooth	Win7 preload	Avail date
0 -	0040 0011		0 40	0.00	400	45.00.110	. = 5	4.014		50000	DVD - DVA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DI 1	Di		14
3	0646-260	15-520M	2.40	2.93	4GB	15.6" HD	LED	1.3M	Intel HD, HD 5730	500GB	DVD±RW	Intel 1000	Black	Blue	Prem 64	Mar 10
≫<	0646-27U	i5-430M	2.26	2.53	4GB	15.6" HD	LED	1.3M	Intel HD, HD 5730	500GB	DVD±RW	Intel 1000	Black	Blue	Prem 64	Mar 10
≽<	0646-28U	i3-330M	2.13		4GB	15.6" HD	LED	1.3M	Intel HD, HD 5730	320GB	<b>DVD</b> ±RW	Intel 1000	Black	Blue	Prem 64	Mar 10
	0646-59U	i3-370M	2.40		4GB	15.6" HD	LED	1.3M	Intel HD, HD 5730	500GB	<b>DVD</b> ±RW	Intel 1000	Black	Blue	Prem 64	Nov 10
	0646-5AU	i5-460M	2.53	2.80	4GB	15.6" HD	LED	1.3M	Intel HD, HD 5730	500GB	<b>DVD</b> ±RW	Intel 1000	Black	Blue	Prem 64	Nov 10
137	0646-5EU	i5-460M	2.53	2.80	4GB	15.6" HD	LED	1.3M	Intel HD, HD 5730	750GB	$DVD \pm RW$	Intel 1000	Black	Blue	Prem 64	Dec 10
			45	CII:-			:!	:46 1	CD booldinbt							

- 15.6" widescreen, glossy display with LED backlight
- Dynamic switching between discrete and integrated graphics (user selectable)
- Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two JBL® stereo speakers
- 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
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i3 processor i3-330M or i3-370M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache Intel Core i5 processor i5-430M, i5-460M, or i5-520M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Home Premium 64  Preloaded applications <sup>14</sup> (only some listed)  • Lenovo OneKey Recovery  • Lenovo ReadyComm			
Memory	4GB std / 8GB max <sup>7</sup> ; 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	Ceriovo neady-confin     ooVoo™     McAfee® VirusScan® Plus     (60 days of virus definitions)			
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 320GB (5400 rpm), 500GB (5400 rpm), or 750GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	Adobe® Reader®     Windows Live Essential     CyberLink YouCam     Microsoft Office 2010 preloaded;			
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, LED indicator	<ul> <li>purchase product key to activate</li> <li>VeriFace™</li> <li>Lenovo Energy Management</li> <li>Software</li> </ul>			
Switchable graphics	Switches between discrete and integrated graphics via graphic switch Intel HD Graphics in processor, and ATI™ Mobility Radeon™ HD 5730, PCI Express® x16, 1GB memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant	Cyberlink Power2Go (DVD±RW)     Media Show     Lenovo DirectShare     Lenovo SlideNav			
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons Lenovo SlideNav bar, OneKey Theater and Energy Management keys Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch				
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm with optical drive and battery: 6-cell: 5.95lb (2.7 kg) Black top with engraved pattern, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 3.5 hr	90-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant			
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel HM55 Express Chipset One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	RoHS-compliant  Limited Warranty¹²  1-year parts and labor Depot repair service¹9 Service upgrade options			
TV tuner PCIe Mini Card Intel 1000 Bluetooth™ Modem Ethernet Audio support	None Three PCle Mini Card slots 11b/g/n wireless <sup>4</sup> , PCle Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator None Gigabit ethernet, Broadcom® BCM57780, PCle x1 High Definition (HD) Audio, RealTek® ALC272 codec /	(in eligible locations):9 • 1-year Lenovo Onsite Repair <sup>13</sup> 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair <sup>13</sup> 78Y1536			
Security Fingerprint reader	JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm) Power-on password, hard disk password, supervisor password, security lockhole None	3-year Lenovo Depot Repair     78Y1538     24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686			

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Pro- Type-model cessor	Max turbo GHz (GHz)	Memory (MHz	Widescreen	OCFL or LED	Cam- era	Discrete graphics	SATA disk GB <sup>8</sup> rpm	SATA optical	PCle Mini Card 802.11		Blue- tooth	Win7 preload	Avail date
0646-54U i7-740QM 0646-56U i7-740QM									11b/g/n <sup>28</sup> 11b/g/n	Black Black		Prem 64 Prem 64	

- 15.6" widescreen, glossy display with LED backlight
- Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two JBL® stereo speakers
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- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i7 processor i7-740QM with quad-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows <sup>®</sup> 7 Home Premium 64  Preloaded applications <sup>14</sup> (only some
Memory	<b>4GB</b> or <b>6GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-10600 1333MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	listed)  • Lenovo OneKey Recovery
Diskette drive SATA optical SATA disk	None Some: DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in Some: Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in 500GB (5400 rpm) or 640GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	Lenovo ReadyĆomm     ooVoo™     McAfee® VirusScan® Plus     (60 days of virus definitions)
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, LED indicator	Adobe® Reader®     Windows Live Essential     CyberLink YouCam     Microsoft Office 2010 preloaded;
Discrete graphics	ATI™ Mobility Radeon™ HD 5730, PCI Express® x16, 1GB memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant	purchase product key to activate  • VeriFace™
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons Lenovo SlideNav bar, OneKey Theater and Energy Management keys Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Lenovo Energy Management     Software     Cyberlink Power2Go (DVD±RW)     Media Show     Lenovo DirectShare
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm with optical drive and battery: 6-cell: 5.95lb (2.7 kg) Black top with engraved pattern, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 3 hr	Lenovo SlideNav  120-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel HM55 Express Chipset One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	RoHS-compliant  Limited Warranty <sup>12</sup> 1-year parts and labor Depot repair service <sup>19</sup> Service upgrade options
TV tuner PCIe Mini Card 11b/g/n²8 Bluetooth™ Modem Ethernet Audio support  Security Fingerprint reader	None Three PCle Mini Card slots 11b/g/n wireless <sup>4</sup> , PCle Half Mini Card, Broadcom® chip or Atheros® chip None None Gigabit ethernet, Broadcom® BCM57780, PCle x1 High Definition (HD) Audio, RealTek® ALC272 codec / JBL stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm) Power-on password, hard disk password, supervisor password, security lockhole	(in eligible locations):  • 1-year Lenovo Onsite Repair¹³  78Y1532  • 1-year Onsite with accidental damage protection 78Y1533  • 2-year Lenovo Onsite Repair¹³  78Y1536  • 3-year Lenovo Depot Repair  78Y1538  ≈ 24x7¹⁵ toll-free support for warranty issues during the warranty period¹² via 877-453-6686

	Type-model	Pro- cessor	GHz	Max turbo (GHz)		Widescreen	CCFL or LED	Switchable graphics	SATA disk	mSATA SSD	SATA optical	PCle Mini Card 802.11	Top color	Blue- Win7 tooth preload	Avail date
(	0646-23U 0646-22U 0646-2YU	5-430M	2.26	2.53	4GB	15.6" HD	LED	Intel HD, HD 5730 Intel HD, HD 5730 Intel HD, HD 5730	500GB		DVD±RW	Intel 1000	Black	None Prem 64 None Prem 64 None Prem 64	Mar 10

- 15.6" widescreen, glossy display with LED backlight
- Dynamic switching between discrete and integrated graphics (user selectable)
- Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
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- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i3 processor i3-330M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or Intel Core i5 processor i5-430M or i5-460M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Home Premium 64  Preloaded applications <sup>14</sup> (only some listed)  • Lenovo OneKey Recovery			
Memory	4GB std / 8GB max <sup>7</sup> ; 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	Lenovo ReadyComm     ooVoo™     McAfee® VirusScan® Plus     (60 days of virus definitions)			
Diskette drive SATA optical SATA disk mSATA™ SSD	None Some: DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in Some: Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high Some: 32GB mSATA Solid State Drive (SSD), via PCle Mini Card slot	Àdobe® Reader®     Windows Live Essential     CyberLink YouCam     Microsoft Office 2010 preloaded; purchase product key to activate			
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, LED indicator	VeriFace™ Lenovo Energy Management Software Cyberlink Power2Go (DVD±RW)			
Switchable graphics	Switches between discrete and integrated graphics via graphic switch Intel HD Graphics in processor, and ATI™ Mobility Radeon™ HD 5730, PCI Express® x16, 1GB memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant	Media Show     Lenovo DirectShare     Lenovo SlideNav			
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons Lenovo SlideNav bar, OneKey Theater and Energy Management keys Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch				
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm with optical drive and battery: 6-cell: 5.95 lb (2.7 kg) Black top with engraved pattern, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 3.5 hr	90-watt AC adapter Wireless on/off switch EPEAT™ Gold rating			
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel HM55 Express Chipset One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15,	ENERGY STAR® 5.0-compliant RoHS-compliant  Limited Warranty <sup>12</sup> 1-year parts and labor			
TV tuner PCIe Mini Card Intel 1000 <sup>28</sup> 11b/g/n <sup>28</sup> Bluetooth <sup>TM</sup> Modem Ethernet Audio support	None Three PCIe Mini Card slots Some: 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Some: 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Broadcom® chip or Atheros® chip None None Gigabit ethernet, Broadcom® BCM57780, PCIe x1 High Definition (HD) Audio, RealTek® ALC272 codec / JBL stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm) Power-on password, hard disk password, supervisor password, security lockhole	<ul> <li>□ Pepatr and labor</li> <li>□ Depot repair service¹9</li> <li>□ Service upgrade options (in eligible locations):9</li> <li>• 1-year Lenovo Onsite Repair¹3</li></ul>			

	Type-model	Pro- cessor		Max turbo (GHz)	Memory	V (MHz)	Videscreer display	CCFL or LED	Discrete graphics	SATA disk GB <sup>8</sup> rpm	mSATA SSD	SATA optical	PCIe Mini Card 802.11			Win7 preload	Avail date
<b>≫</b> <	0646-2AU i	7-720QM	1.60	2.80	2GBx2	1333	15.6" HD	LED	HD 5730	500GB 7200		DVD±RW	Intel 1000	Black	Blue	Prem 64	Mar 10
	0646-58U i	7-740QM	1.73	2.93	4GBx1	1333	15.6" HD	LED	HD 5730	500GB 7200	32GB	Blu-ray	Intel 6200	Black	Blue	Prem 64	Nov 10
	0646-5BU i	7-740QM	1.73	2.93	2GBx2	1333	15.6" HD	LED	HD 5730	500GB 7200		DVD±ŘW	Intel 1000	Black	Blue	Prem 64	Nov 10
	0646-5CU i	7-740QM	1.73	2.93	4GBx2	1333	15.6" HD	LED	HD 5730	500GB 7200		DVD±RW	Intel 1000	Black	Blue	Prem 64	Nov 10
	0646-5DU i	7-740QM	1.73	2.93	4+2GB	1333	15.6" HD	LED	HD 5730	750GB 5400		DVD±RW	Intel 1000	Black	Blue	Prem 64	Nov 10
137	0646-5GU i	7-740QM	1.73	2.93	4+2GB	1333	15.6" HD	LED	HD 5730	500GB 7200		DVD±RW	Intel 1000	Black	Blue	Prem 64	Dec 10

- 15.6" widescreen, glossy display with LED backlight
- Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two JBL® stereo speakers
- 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
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i7 processor i7-720QM or i7-740QM with quad-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows <sup>®</sup> 7 Home Premium 64 - Preloaded applications <sup>14</sup> (only some			
Memory	4GB, 6GB, or 8GB std / 8GB max <sup>7</sup> ; PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	listed)  • Lenovo OneKey Recovery			
Diskette drive SATA optical SATA disk mSATA™ SSD	None Some: DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in Some: Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in 500GB (7200 rpm) or 750GB (5400 rpm)/ SATA 3.0Gb/s, 9.5mm high Some: 32GB mSATA Solid State Drive (SSD), via PCle Mini Card slot	Lenovo ReadyComm     ooVoo™     McAfee® VirusScan® Plus (60 days of virus definitions)     Adobe® Reader®			
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, LED indicator	Windows Live Essential     CyberLink YouCam     Microsoft Office 2010 preloaded;     purchase product key to activate			
Discrete graphics	ATI™ Mobility Radeon™ HD 5730, PCI Express® x16, 1GB memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant	VeriFace™     Lenovo Energy Management			
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons Lenovo SlideNav bar, OneKey Theater and Energy Management keys Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Software Cyberlink Power2Go (DVD±RW) Media Show Lenovo DirectShare			
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm with optical drive and battery: 6-cell: 5.95lb (2.7 kg) Black top with engraved pattern, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 3 hr	Lenovo SlideNav  120-watt AC adapter Wireless on/off switch EPEAT™ Gold rating			
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel HM55 Express Chipset One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15,	ENERGY STAR® 5.0-compliant RoHS-compliant  Limited Warranty¹²  1-year parts and labor			
TV tuner PCIe Mini Card Intel 1000 <sup>28</sup> Intel 6200 <sup>28</sup> Bluetooth <sup>TM</sup> Modem Ethernet Audio support	None Three PCle Mini Card slots Some: 11b/g/n wireless <sup>4</sup> , PCle Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Some: 11a/b/g/n wireless <sup>4</sup> , PCle Half Mini Card, Intel Centrino Advanced-N 6200, 2x2 Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator None Gigabit ethernet, Broadcom® BCM57780, PCle x1 High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)	Depot repair service¹9 Service upgrade options (in eligible locations):³ 1-year Lenovo Onsite Repair¹³			
Security Fingerprint reader	Power-on password, hard disk password, supervisor password,, security lockhole	issues during the warranty period <sup>12</sup> via 877-453-6686			

Max	-	CCFL	SATA	PCIe Mini			
Pro- turb Type-model cessor GHz (GHz			screte disk aphics GB <sup>8</sup> rpm	SATA Card optical 802.11	Top Blue- color tooth	Win7 preload	Avail date
Type model deces.	-, momory dioplay	LLD ela gi	артноз дв грпп	optical coziii	COIOI (OO(II	preioau	date
0646-2NU i7-720QM 1.60 2.80 0646-57U i7-740QM 1.73 2.93							

- 15.6" widescreen, glossy display with LED backlight
- 3D panel and glasses enjoy compatible games and movies in 3D vision
- Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two JBL® stereo speakers
- 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
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These system are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i7 processor i7-720QM or i7-740QM with quad-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Home Premium 64  Preloaded applications <sup>14</sup> (only some
Memory	<b>4GB</b> or <b>6GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-10600 1333MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	listed)  • Lenovo OneKey Recovery
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in <b>500GB</b> (7200 rpm) / SATA 3.0Gb/s, 9.5mm high	Lenovo ReadyComm     ooVoo™     McAdee VirusScan® Plus     McAdee of virus definitions)
Widescreen display 3D glasses Camera	15.6" (396.2mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy); LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio, with 3D panel 3D glasses and clip-on lenses for conversion of normal optical glasses Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator	(60 days of virus definitions)  ■ Adobe® Reader®  ■ Windows Live Essential  ■ CyberLink YouCam  ■ Microsoft Office 2010 preloaded;
Discrete graphics	ATI™ Mobility Radeon™ HD 5730, PCI Express® x16, 1GB memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant	purchase product key to activate  • VeriFace™
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons Lenovo SlideNav bar, OneKey Theater and Energy Management keys Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Lenovo Energy Management     Software     Cyberlink Power2Go (DVD±RW)     Cyberlink Power2Go (3D models)     Tipof Madies Player (3D models)
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm with optical drive and battery: 6-cell: 5.95lb (2.7 kg) Black top with engraved pattern, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 3 hr	TriDef Media Player (3D models) Lenovo DirectShare Lenovo SlideNav  120-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant
Chipset ExpressCard/34 Multicard reader	Mobile Intel HM55 Express Chipset One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)	RoHS-compliant  Limited Warranty <sup>12</sup>
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	<ul> <li>→ 1-year parts and labor</li> <li>→ Depot repair service<sup>19</sup></li> <li>→ Service upgrade options</li> </ul>
TV tuner PCIe Mini Card Intel 6200 <sup>28</sup> Bluetooth <sup>™</sup> Modem Ethernet Audio support	None Three PCle Mini Card slots 11a/b/g/n wireless <sup>4</sup> , PCle Half Mini Card, Intel Centrino® Advanced-N 6200, 2x2 Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator None Gigabit ethernet, Broadcom® BCM57780, PCle x1 High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)	(in eligible locations): <sup>3</sup> • 1-year Lenovo Onsite Repair <sup>13</sup> 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair <sup>13</sup> 78Y1536 • 3-year Lenovo Depot Repair 78Y1538  24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup>
Security Fingerprint reader	Power-on password, hard disk password, supervisor password, security lockhole r None	via 877-453-6686

Pro- Type-model cessor	GHz	Max turbo (GHz) Memory	Widescreer display	CCFL or LED	Cam- era	Discrete graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	Top color	Blue- tooth	Win7 preload	Avail date
4397-22U i7-2630QM 4397-23U i7-2630QM													Prem 64 Prem 64	

- 15.6" widescreen, glossy display with LED backlight
- Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two JBL® stereo speakers
- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Intel® Core™ i7-2630QM processor (quad-core, 2.00 GHz, 6MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology 8GB max <sup>7</sup> ; PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets  None DVD burner, dual-layer support,12.7mm high, tray-in 500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high None  15.6" (396.2mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy);	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Home Premium 64  Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus			
dual-channel capable, two 204-pin SO-DIMM sockets  None DVD burner, dual-layer support,12.7mm high, tray-in 500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high None	listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™			
DVD burner, dual-layer support,12.7mm high, tray-in <b>500GB</b> (5400 rpm) or <b>750GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high None	Lenovo ReadyĆomm     ooVoo™			
15.6" (396.2mm) HD (WXGA 1366v768) TET 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, LED indicator	(60 days of virus definitions) CyberLink YouCam Microsoft Office 2010 preloaded; purchase product key to activate			
AMD® Radeon™ HD 6570M Graphics, PCI Express® x16, 1GB memory, DirectX® 11, VGA connector, HDMI connector, HDCP-compliant	VeriFace™     Lenovo Energy Management			
Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons Lenovo SlideNav bar, OneKey Theater and Energy Management keys None Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Software Cyberlink Power2Go (DVD±RW, Blu-ray) Lenovo DirectShare			
(WxDxH): 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm with optical drive and battery: 6-cell: 5.95lb (2.7 kg) Black top with hairline texture, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium lon 6-cell Up to 3 hr	Lenovo SlideNav     Dual-core models: 90-watt AC adapter Quad-core models: 120-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant			
Mobile Intel HM65 Express Chipset One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	RoHS-compliant  Limited Warranty <sup>12</sup> 1-year parts and labor  Depot repair service <sup>19</sup> Service upgrade options			
None Three PCIe Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Broadcom® or Atheros® chip, 1x2 Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator None Gigabit ethernet, Broadcom BCM57780, PCIe x1 High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm) Hard disk password, supervisor password, security lockhole	<ul> <li>Service upgrade options (in eligible locations):<sup>3</sup></li> <li>1-year Lenovo Onsite Repair<sup>13</sup></li></ul>			
	LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator  AMD® Radeon™ HD 6570M Graphics, PCI Express® x16, 1GB memory, DirectX® 11, VGA connector, HDMI connector, HDCP-compliant  Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons Lenovo SlideNav bar, OneKey Theater and Energy Management keys None Two-button touch pad with scroll feature (no TrackPoint®), multi-touch  (WxDxH): 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm with optical drive and battery: 6-cell: 5.95lb (2.7 kg)  Black top with hairline texture, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 3 hr  Mobile Intel HM65 Express Chipset One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  None Three PCle Mini Card slots 11b/g/n wireless⁴, PCle Half Mini Card, Broadcom® or Atheros® chip, 1x2 Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator None Gigabit ethernet, Broadcom BCM57780, PCle x1 High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)			

See footnotes for important warranty information US models announced January 12, 2011

## IdeaPad™ Y560p (4397) - AMD® Radeon™ (Windows 7) - web only models Personal Systems Reference (PSREF)

Type-model	Pro- cessor	GHz	Max turbo (GHz) Memory	Widescreen	CCFL or LED	Cam- era	Discrete graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	Top color	Blue- tooth	Win7 preload	Avail date
4397-24U i	3-2310M	2.10	2GBx2	15.6" HD	LED	1.3M	HD 6570M	500GB8	3	DVD±RW	Intel 1000	Black	Blue	Prem 64	Jan 11
4397-25U i	5-2410M	2.30	2.90 2+4GB	15.6" HD	LED	1.3M	HD 6570M	500GB		DVD±RW	Intel 1000	Black	Blue	Prem 64	Jan 11
4397-26U i	7-2630QM	2.00	2.90 4GBx2	15.6" HD	LED	1.3M	HD 6570M	750GB		DVD±RW	Intel 1000	Black	Blue	Prem 64	Jan 11
4397-27U i	7-2630QM	2.00	2.90 4GBx2	15.6" HD	LED	1.3M	HD 6570M	750GB	32GB	Blu-ray	Intel 1000	Black	Blue	Prem 64	Jan 11

- 15.6" widescreen, glossy display with LED backlight
- Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two JBL® stereo speakers
- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i3-2310M processor (dual-core, 2.10GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), HT technology Intel Core i5-2410M processor (dual-core, 2.30GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology Intel Core i7-2630QM processor (quad-core, 2.00 GHz, 6MB cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology	Preloaded operating system <sup>20</sup> - Genuine Windows <sup>®</sup> 7 Home Premium 64  Preloaded applications <sup>14</sup> (only some listed)  • Lenovo OneKey Recovery  • Lenovo ReadyComm
Memory	8GB max <sup>7</sup> ; <b>PC3-10600 1333MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	ooVoo™     McAfee® VirusScan® Plus
Diskette drive SATA optical SATA disk mSATA™ SSD	None Some: DVD burner, dual-layer support,12.7mm high, tray-in Some: Blu-ray <sup>™</sup> Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in 500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high Some: 32GB mSATA Solid State Drive (SSD), via PCle Mini Card slot	(60 days of virus definitions)  • Adobe® Reader®  • Windows Live Essential  • CyberLink YouCam  • Microsoft Office 2010 preloaded;
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, LED indicator	purchase product key to activate  • VeriFace™  • Lenovo Energy Management Software
Discrete graphics	AMD® Radeon™ HD 6570M Graphics, PCI Express® x16, 1GB memory, DirectX® 11, VGA connector, HDMI connector, HDCP-compliant	Cyberlink Power2Go (DVD±RW, Blu-ray)
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons Lenovo SlideNav bar, OneKey Theater and Energy Management keys None Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Lenovo DirectShare     Lenovo SlideNav
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm with optical drive and battery: 6-cell: 5.95lb (2.7 kg) Black top with hairline texture, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 3 hr	Dual-core models: 90-watt AC adapter Quad-core models: 120-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel HM65 Express Chipset  One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	RoHS-compliant  Limited Warranty <sup>12</sup> 1-year parts and labor  Depot repair service <sup>19</sup> Service upgrade options
TV tuner PCIe Mini Card Intel 1000 Bluetooth™ Modem Ethernet Audio support	None Three PCIe Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator None Gigabit ethernet, Broadcom® BCM57780, PCIe x1 High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm) Hard disk password, supervisor password, security lockhole	(in eligible locations): <sup>9</sup> • 1-year Lenovo Onsite Repair <sup>13</sup> - 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair <sup>13</sup> - 78Y1536 • 3-year Lenovo Depot Repair - 78Y1538  24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup>
Fingerprint reader	None	via 877-453-6686







Lenovo IdeaPad Y650

Lenovo IdeaPad Y650





Lenovo IdeaPad Y650

Lenovo IdeaPad Y650





Lenovo IdeaPad Y650

Lenovo IdeaPad Y650

Part number	Processor	GHz	Memory	Widescreen display	CCFL or LED	Cam- era	Integrated graphics		SATA optical	Mini PCle 802.11 wireless			ENERGY STAR 5.0		Avail date
59019001	P8600	2.40	4GB	16.0" WXGA	LED	Cam	GMA	320GB8	DVD±RW		Black	Blue	ES50	Prem 64	Apr 09
ı 59018999 <b>□</b>	P8600	2.40	4GB	16.0" WXGA	LED	Cam	GMA	320GB	DVD±RW	Intel 5100	Black	Blue	ES50	Prem 64	May 09

- 16.0" widescreen, glossy display with LED backlight
- Lenovo® Desktop Navigator easily toggles between shortcuts, files, and other frequently used programs with touch-sensitive slide bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two JBL® stereo speakers
- 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
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ 2 Duo processor P8600 with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache	Preloaded operating system <sup>20</sup> - Genuine Windows® Vista® Home Premium 64
Memory	<b>4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , 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 <b>320GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable	Lenovo OneKey Recovery     Lenovo ReadyComm     Norton Internet Security™
Widescreen display Camera	16.0" (406.4mm) WXGA (1366x768) TFT color, VibrantView (glossy); LED backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator	(90 days of virus definitions)  • Adobe® Reader  • Easy Capture  • Microsoft® Office 2007 Trial (60-day)
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD), in GM45, HDMI port supporting HDCP to output protected content	<ul> <li>VeriFace™</li> <li>Lenovo Energy Management</li> </ul>
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, 84-key, recovery key, mute, vol up, vol down button Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Software Cyberlink Power2Go (DVD±RW) Media Show Lenovo Desktop Navigator software
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type	(WxDxH): 15.4" x 10.2" x 1.0"; 390mm x 260mm x 26mm with optical drive and battery: 6-cell: 5.62 lb (2.55 kg) Black top with engraved pattern, black bottom Top: carbon fiber reinforced plastic; Bottom: magnesium-aluminum alloy Lithium lon 6-cell	Available at these retailers  TigerDirect  65-watt AC adapter
Batterý - lífe¹º	Up to 3.5 hr	Wireless on/off switch   ENERGY STAR® 5.0-compliant
Chipset ExpressCard/34	Mobile Intel GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)	RoHS-compliant
Multicard reader	One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™,	Limited Warranty <sup>12</sup>
Ports	Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Two USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, eSATA port	<ul> <li>         □ 1-year parts and labor         □ Depot repair service<sup>19</sup>         □ Service upgrade options     </li> </ul>
TV tuner Mini PCI Express Intel 5100²8 Bluetooth™ Modem Ethernet Audio support	None Three Mini PCI Express slots 11a/b/g/n wireless⁴, Mini PCle adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator None Gigabit ethernet, Broadcom® BCM5784, PCle x1 High Definition (HD) Audio, RealTek® ALC272 codec / two JBL® stereo speakers (2 watt), Dolby® Home Theater™ Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm)	(in eligible locations): <sup>3</sup> • 1-year Onsite with accidental damage protection 78Y1533 • 3-year Lenovo Onsite Repair <sup>13</sup> 9x5 Next Business Day 78Y1540 • 3-year Lenovo Onsite Repair <sup>13</sup> 9x5 Next Business Day with accidental damage protection 78Y1541  24x7 <sup>16</sup> toll-free support for warranty
Security Fingerprint reader	Hard disk password, user password, supervisor password, security lockhole	issues during the warranty period <sup>12</sup> via 877-453-6686

	Type-model	Pro- cessor	GHz	Memory	Widescreen display	CCFL or LED	Cam- era	Integrated graphics	SATA disk	SATA optical	Mini PCle 802.11 wireless	Top color	Blue- tooth	ENERGY STAR 5.0	Vista preload	Avail date
	4185-36U	P8600	2.40	3GB	16.0" WXGA	LED	Cam	GMA	320GB8	DVD±RW	Intel 5100 <sup>28</sup>	Black	Blue	ES50	Prem 32	Feb 09
	4185-56U	P8700	2.53	4GB	16.0" WXGA	CCFL	Cam	GMA	320GB	DVD±RW	Intel 5100	Black		ES50	Prem 64	Aug 09
13	4185-55U	P8700	2.53		16.0" WXGA						Intel 5100	Black			Prem 64	Aug 09
逐	4185-75U	P8700	2.53	4GB	16.0" WXGA	CCFL	Cam	GMA	320GB	DVD±RW	Intel 5100	Black		ES50	Prem 64	Aug 09

- 16.0" widescreen, glossy display
- Lenovo® Desktop Navigator easily toggles between shortcuts, files, and other frequently used programs with touch-sensitive slide bar
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- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two JBL® stereo speakers
- 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
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ 2 Duo processor P8600 or P8700 with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache	Preloaded operating system <sup>20</sup> - Some: Genuine Windows® Vista® Home Premium 32
Memory	<b>3GB</b> or <b>4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available;	- Some: Genuine Windows Vista Home Premium 64 Vista Premium logo
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in <b>320GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable	Preloaded applications <sup>14</sup> (only some listed)  • Lenovo OneKey Recovery
Widescreen display	16.0" (406.4mm) WXGA (1366x768) TFT color, VibrantView (glossy);  Some: LED backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio  Some: CCFL backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio  Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator	Lenovo ReadyComm     Norton Internet Security™     (90 days of virus definitions)     Adobe® Reader     Easy Capture
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD), in GM45, HDMI port supporting HDCP to output protected content	Microsoft® Office 2007 Trial (60-day)     VeriFace™
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, 84-key, recovery key, mute, vol up, vol down button Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Lenovo Energy Management     Software     Cyberlink Power2Go (DVD±RW)     Media Show     Lenovo Desktop Navigator
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 15.4" x 10.2" x 1.0" to 1.2"; 390mm x 260mm x 26 to 30mm with optical drive and battery: 6-cell: 5.62 lb (2.55 kg) Black top, black bottom  Top: carbon fiber reinforced plastic; Bottom: magnesium-aluminum alloy Lithium Ion 6-cell Up to 3.5 hr	Software  Available at these retailers I lenovo.com  65-watt AC adapter
Chipset ExpressCard/34	Mobile Intel GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC) One slot (ExpressCard/34)	Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant
Multicard reader Ports	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Two USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, eSATA port	Limited Warranty <sup>12</sup>
TV tuner Mini PCI Express Intel 5100 <sup>28</sup> Bluetooth™ Modem Ethernet Audio support	None Three Mini PCI Express slots 11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) Some: Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator None Gigabit ethernet, Broadcom® BCM5784, PCIe x1 High Definition (HD) Audio, RealTek® ALC272 codec / two JBL stereo speakers (2 watt), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm) Hard disk password, user password, supervisor password, security lockhole	<ul> <li>Service upgrade options         (in eligible locations):<sup>9</sup></li> <li>1-year Onsite with accidental damage protection 78Y1533</li> <li>3-year Lenovo Onsite Repair<sup>13</sup>         9x5 Next Business Day 78Y1540</li> <li>3-year Lenovo Onsite Repair<sup>13</sup>         9x5 Next Business Day with accidental damage protection 78Y1541</li> <li>24x7<sup>16</sup> toll-free support for warranty</li> </ul>
Fingerprint reader		issues during the warranty period <sup>12</sup> via 877-453-6686

	CCFL										Mini PCle				
		Pro-			Widescreen	or	Cam-	Integrated	SATA	SATA	802.11	Top	Blue-	Win7	Avail
Ty	/pe-model	cessor	GHz	Memory	display	LED	era	graphics	disk	optical	wireless	color	tooth	preload	date
41	85-57U	P8700	2.53	4GB	16.0" HD	CCFL	1.3M	GMA 4500MHD	500GB8	DVD±RW	♣ Intel 5100 <sup>28</sup>	Black	None	Prem 64	Nov 09

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- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode

		<u>,                                      </u>
Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ 2 Duo processor P8700 with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Home Premium 64
Memory	<b>4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available;	Preloaded applications <sup>14</sup> (only some listed)  Lenovo OneKey Recovery
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable	Lenovo ReadyComm     McAfee® VirusScan® Plus     (60 days of virus defi nitions)
Widescreen display Camera	16.0" (406.4mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy); CCFL backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator	Adobe® Reader®     Easy Capture     Microsoft® Office 2007 Trial (60-day)     VeriFace™
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD), in GM45, HDMI port supporting HDCP to output protected content	Lenovo Energy Management Software
Keyboard Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, 84-key, recovery key, mute, vol up, vol down button Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Cyberlink Power2Go (DVD±RW)     Media Show     Lenovo Desktop Navigator software
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material	(WxDxH): 15.4" x 10.2" x 1.0" to 1.2"; 390mm x 260mm x 26 to 30mm with optical drive and battery: 6-cell: 5.62 lb (2.55 kg) Black top, black bottom Top: carbon fiber reinforced plastic; Bottom: magnesium-aluminum alloy	
Battery - type Battery - life <sup>10</sup>	Lithium Ion 6-cell Up to 3.5 hr	65-watt AC adapter Wireless on/off switch
Chipset	Mobile Intel GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)	ENERGY STAR® 5.0-compliant RoHS-compliant
ExpressCard/34 Multicard reader	One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™,	Limited Warranty <sup>12</sup>
Ports	Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Two USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, eSATA port	<ul> <li>         □ 1-year parts and labor         □ Depot repair service<sup>19</sup>         □ Service upgrade options     </li> </ul>
TV tuner Mini PCI Express Intel 5100 <sup>28</sup> Bluetooth™ Modem Ethernet Audio support	None Three Mini PCI Express slots 11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) None None Gigabit ethernet, Broadcom® BCM5784, PCIe x1 High Definition (HD) Audio, RealTek® ALC272 codec / two JBL stereo speakers (2 watt), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm)	(in eligible locations):  • 1-year Onsite with accidental damage protection 78Y1533  • 3-year Lenovo Onsite Repair¹³ 9x5 Next Business Day 78Y1540  • 3-year Lenovo Onsite Repair¹³ 9x5 Next Business Day with accidental damage protection 78Y1541  ≈ 24x7¹⁰ toll-free support for warranty
Security Fingerprint reader	Hard disk password, user password, supervisor password, security lockhole None	issues during the warranty period <sup>12</sup> via 877-453-6686

Type-model	Processor	GHz	Memory	Widescreen display	CCFL or LED	Cam- era	Discrete graphics	SATA disk	SATA optical	Mini PCle 802.11 wireless	Top color	Blue- tooth	Vista preload	Avail date
4185-37U	P8600	2.40	3GB	16.0" WXGA	LED	Cam	G105M	320GB8	DVD±RW		Black	Blue	Prem 64	Feb 09
4185-34U	P8700	2.53	4GB	16.0" WXGA	LED	Cam	G105M	320GB	DVD±RW	Intel 5100	Black	Blue	Prem 64	Feb 09

- 16.0" widescreen, glossy display with LED backlight
- Lenovo® Desktop Navigator easily toggles between shortcuts, files, and other frequently used programs with touch-sensitive slide bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two JBL® stereo speakers
- 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
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode

Positioning Processor Memory	Widescreen flexibility; two-spindle Intel® Core™ 2 Duo processor P8600 or P8700 with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache  3GB or 4GB std / 8GB max²; PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets Italics: standard memory in both sockets; no sockets available;	Preloaded operating system <sup>20</sup> - Genuine Windows® Vista® Home Premium 64  ⇒ Vista Premium logo Preloaded applications <sup>14</sup> (only some listed)
Diskette drive SATA DVD±RW SATA disk Widescreen display Camera Discrete graphics		Lenovo OneKey Recovery     Lenovo ReadyComm     Norton Internet Security™     (90 days of virus definitions)     Adobe® Reader     Easy Capture     Microsoft® Office 2007 Trial (60-day)     VeriFace™
Keyboard Touch controls Light sensor Touch pad	PureVideo® HD technology, VGA, HDMI, HDCP-compliant  Full-size keyboard, 6-row, 84-key, recovery key, mute, vol up, vol down button Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key Ambient light sensor Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	Lenovo Energy Management Software     Cyberlink Power2Go (DVD±RW)     Media Show     Lenovo Desktop Navigator software
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 15.4" x 10.2" x 1.0"; 390mm x 260mm x 26mm with optical drive and battery: 6-cell: 5.62 lb (2.55 kg) Black top with engraved pattern, black bottom Top: carbon fiber reinforced plastic; Bottom: magnesium-aluminum alloy Lithium lon 6-cell Up to 2.5 hr	Available at these retailers I enovo.com  90-watt AC adapter Wireless on/off switch
Chipset  ExpressCard/34 Multicard reader  Ports	Mobile Intel PM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC) One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™) Two USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, eSATA port	ENERGY STAR® 5.0-compliant RoHS-compliant  Limited Warranty¹²  1-year parts and labor  Depot repair service¹9  Service upgrade options
TV tuner Mini PCI Express Intel 5100 <sup>28</sup> Bluetooth <sup>TM</sup> Modem Ethernet Audio support  Security Fingerprint reader	None Three Mini PCI Express slots 11a/b/g/n wireless⁴, Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator None Gigabit ethernet, Broadcom® BCM5784, PCIe x1 High Definition (HD) Audio, RealTek® ALC272 codec / two JBL® stereo speakers (2 watt), Dolby® Home Theater™ Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm) Hard disk password, user password, supervisor password, security lockhole None	(in eligible locations):  • 1-year Onsite with accidental damage protection 78Y1533  • 3-year Lenovo Onsite Repair¹³ 9x5 Next Business Day 78Y1540  • 3-year Lenovo Onsite Repair¹³ 9x5 Next Business Day with accidental damage protection 78Y1541   ≈ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686





Lenovo IdeaPad Z360



Lenovo IdeaPad Z360



Lenovo IdeaPad Z360



Lenovo IdeaPad Z360



Lenovo IdeaPad Z360



Lenovo IdeaPad Z360

	Pro- Type-model cessor GHz (GHz) Memor		Widescreen y display					SATA SATA Card Top disk optical 802.11 color Bluetooth					Avail date		
	0912-33U	i3-350M	2.26	3GB	13.3" HD	LED	1.3M	Intel HD	500GB8	DVD±RW	WiMAX	Black	Bluetooth	Prem 64	Jul 10
138	0912-34U	i3-370M	2.40	3GB	13.3" HD	LED	1.3M	Intel HD	500GB	DVD±RW	WiMAX	Black	Bluetooth	Prem 32	Dec 10
138	0912-36U	i5-460M	2.53 2.	80 <i>4GB</i>	13.3" HD	LED	1.3M	Intel HD	500GB	DVD±RW	WiMAX	Black	Bluetooth	Prem 64	Dec 10

- 13.3" widescreen, glossy display with LED backlight
- Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face
- Dolby<sup>®</sup> Advanced Audio<sup>™</sup> certified audio system
- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i3 processor i3-350M or i3-370M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or Intel Core i5 processor i5-460M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Some: Genuine Windows® 7 Home Premium 32 - Some: Genuine Windows 7 Home Premium 64  Preloaded applications¹⁴ (only some
Memory	<b>3GB</b> or <b>4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics</i> : standard memory in both sockets; no sockets available	Lenovo OneKey Recovery     Lenovo ReadyComm     ooVoo™
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	McAfee® VirusScan® Plus (60 days of virus definitions)     Adobe® Reader®
Widescreen display Camera	13.3" (337.8mm) HD (WXGA1366x768) 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, LED indicator	Windows Live Essential     CyberLink YouCam     Microsoft Office 2010 preloaded;     purchase product key to activate
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant	VeriFace <sup>TM</sup> Lenovo Energy Management Software
Keyboard Touch controls	Full-size keyboard, 6-row, recovery button Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management	Cyberlink Power2Go (DVD±RW)     Lenovo DirectShare
Light sensor Touch pad	None Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup> Chipset	(WxDxH): 12.9" x 8.6" x 0.8" to 1.3"; 327mm x 219mm x 20mm to 34mm with optical drive and battery: 6-cell: 4.41 lb (2.0kg) Black top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium lon 6-cell Up to 5 hr  Mobile Intel HM55 Express Chipset	65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
ExpressCard/34 Multicard reader	None 4-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital	Limited Warranty <sup>12</sup>
Ports	Card) Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	<ul> <li>         □ 1-year parts and labor         □ Depot repair service<sup>19</sup>         □ Service upgrade options     </li> </ul>
TV tuner PCIe Mini Card WiMAX	None One PCIe Mini Card slot 11a/b/g/n and WiMAX wireless, PCIe Half Mini Card, Intel Centrino Advanced-N + WiMAX 6250, 2x2 AGN + 1x2 WiMAX	(in eligible locations):9 • 1-year Lenovo Onsite Repair13 78Y1532 • 1-year Onsite with accidental
Bluetooth™ Modem Ethernet	Bluetooth 2.1 wireless, internal USB 2.0 interface None 10/100M ethernet, Atheros® AR8152	damage protection 78Y1533 • 2-year Lenovo Onsite Repair <sup>13</sup> 78Y1536
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio™ certified / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)	• 3-year Lenovo Depot Repair 78Y1538 24x7¹6 toll-free support for warranty
Security Fingerprint reader	User password, hard disk password, supervisor password, security lockhole	issues during the warranty period <sup>12</sup> via 877-453-6686

See footnotes for important warranty information

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	Max CCFL								PCIe Mini						
	Type-model	Pro- cessor	turbo GHz (GHz)		Widescreer display	or LED	Cam- era	Discrete graphics	SATA disk	SATA optical	Card 802.11	Top color	Blue- tooth	Win7 preload	Avail date
	0912-32U	i5-450M	2.40 2.66	4GB	13.3" HD	LED	1.3M	GF 310M 512MB	500GB8	DVD±RW	WiMAX	Black	Blue	Prem 64	Jul 10
rs.	0912-35U	i5-560M	2.66 3.20	4GB	13.3" HD	LED	1.3M	GF 310M 1GB	500GB	DVD±RW	WiMAX	Black	Blue	Prem 64	Dec 10

- 13.3" widescreen, glossy display with LED backlight
- Integrated camera and Lenovo's VeriFace face recognition software
- helps control access to your notebook by recognizing your face

   Dolby® Advanced Audio™ certified audio system

   Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i5 processor i5-450M or i5-560M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows <sup>®</sup> 7 Home Premium 64 - Preloaded applications <sup>14</sup> (only some
Memory	4GB std / 8GB max <sup>7</sup> ; 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	listed)  Lenovo OneKey Recovery  Lenovo ReadyComm
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	ooVoo™     McAfee® VirusScan® Plus (60 days of virus definitions)     (60 days of virus definitions)
Widescreen display Camera	13.3" (337.8mm) HD (WXGA1366x768) 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, LED indicator	Adobe® Reader®     Windows Live Essential     CyberLink YouCam     Microsoft Office 2010 preloaded;
Discrete graphics	NVIDIA® GeForce® 310M, PCI Express® x16, 512MB or 1GB memory, DirectX® 10.1, NVIDIA PureVideo® HD technology, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant	purchase product key to activate  • VeriFace™  • Lenovo Energy Management
Keyboard Touch controls	Full-size keyboard, 6-row, recovery button Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management	Software Cyberlink Power2Go (DVD±RW) Lenovo DirectShare
Light sensor Touch pad	None Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type	(WxDxH): 12.9" x 8.6" x 0.8" to 1.3"; 327mm x 219mm x 20mm to 34mm with optical drive and battery: 6-cell: 4.41 lb (2.0kg) Black top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell	65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating
Battery - life <sup>10</sup> Chipset	Up to 4.5 hr	ENERGY STAR® 5.0-compliant  RoHS-compliant
ExpressCard/34 Multicard reader	Mobile Intel HM55 Express Chipset None 4-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card)	Limited Warranty <sup>12</sup>
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	<ul> <li>         □ 1-year parts and labor         □ Depot repair service<sup>19</sup>         □ Service upgrade options     </li> </ul>
TV tuner PCIe Mini Card WiMAX	None One PCIe Mini Card slot 11a/b/g/n and WiMAX wireless, PCIe Half Mini Card,	(in eligible locations):9 • 1-year Lenovo Onsite Repair13 78Y1532
Bluetooth™ Modem Ethernet	Intel Centrino Advanced-N + WiMAX 6250, 2x2 AGN + 1x2 WiMAX Bluetooth 2.1 wireless, internal USB 2.0 interface None 10/100M ethernet. Atheros® AR8152	1-year Onsite with accidental damage protection 78Y1533     2-year Lenovo Onsite Repair <sup>13</sup> 78Y1536
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio™ certified /	• 3-year Lenovo Depot Repair 78Y1538
Security Fingerprint reader	microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm) User password, hard disk password, supervisor password, security lockhole	24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686

See footnotes for important warranty information

US model announced December 1, 2010; previous model on May 12, 2010

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(LL71-2) December 2010







Lenovo IdeaPad Z460

Lenovo IdeaPad Z460





Lenovo IdeaPad Z460

Lenovo IdeaPad Z560







Lenovo IdeaPad Z560

Lenovo IdeaPad Z460

Pro-	Widescreen	CCFL	0	Integrated	SATA	CATA	PCIe Mini Card	T		W:-7	Avail
Type-model cessor GHz	Memory display	or LED	Cam- era	Integrated graphics	disk	SATA optical	802.11	Top color	Bluetooth	Win7 preload	date
0913-32U i3-330M 2.13	3GB 14.0" WXGA	LED	0.3M	Intel HD	320GB8	DVD±RW	11b/g/n <sup>28</sup>	Black	None	Prem 32	May 10

- 14.0" widescreen, glossy display with LED backlight
- Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face

  • Dolby® Advanced Audio™ certified audio system

  • Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without
- booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode

  This system is Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i3 processor i3-330M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows <sup>®</sup> 7 Home Premium 32 - Preloaded applications <sup>14</sup> (only some
Memory	<b>3GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available	listed)  Lenovo OneKey Recovery  Lenovo ReadyComm
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in <b>320GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	ooVoo™     McAfee® VirusScan® Plus     (60 days of virus definitions)  Adob® Pandor®
Widescreen display Camera	14.0" (355.6mm) HD (WXGA1366x768) TFT color, VibrantView (glossy); LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus, LED indicator	Adobe® Reader®     Windows Live Essential     CyberLink YouCam     Microsoft Office 2010 preloaded;
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant	purchase product key to activate  • VeriFace™  • Lenovo Energy Management
Keyboard Touch controls	Full-size keyboard, 6-row, recovery button Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management	Software Cyberlink Power2Go (DVD±RW) Lenovo DirectShare
Light sensor Touch pad	None Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 13.4" x 9.1" x 0.7" to 1.4"; 340mm x 231.8mm x 17.2mm to 34.4mm with optical drive and battery: 6-cell: 4.85 lb (2.2 kg) Black top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 4 hr	65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Chipset ExpressCard/34 Multicard reader	Mobile Intel HM55 Express Chipset One slot (ExpressCard/34) 5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital	Limited Warranty <sup>12</sup>
Ports	Card, xD-Picture Card <sup>™</sup> ) Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	<ul> <li>Depot repair service<sup>19</sup></li> <li>Service upgrade options         (in eligible locations):<sup>9</sup></li> </ul>
TV tuner PCIe Mini Card 11b/g/n²8 Bluetooth™ Modem Ethernet Audio support	None Two PCIe Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Broadcom® chip or Atheros chip None None 10/100M ethernet, Realtek® RTL8103EL High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio certification /	1-year Lenovo Onsite Repair <sup>13</sup> 78Y1532     1-year Onsite with accidental damage protection 78Y1533     2-year Lenovo Onsite Repair <sup>13</sup> 78Y1536     3-year Lenovo Depot Repair     78Y1538
Security Fingerprint reader	microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm) User password, hard disk password, supervisor password, security lockhole	24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686

See footnotes for important warranty information US model announced May 12, 2010

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Type-model	Pro- cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Cam- era	Integrated graphics	SATA disk	SATA optical	PCle Mini Card 802.11	Top color	Blue- tooth	Win7 preload	Avail date
0914-32U				3GB	15.6" HD		0.3M			DVD±RW				Prem 64	
0914-38U				4GB	15.6" HD		1.3M			DVD±RW				Prem 64	
0914-37U				4GB	15.6" HD	LED	1.3M				11b/g/n			Prem 64	
<sup>™</sup> 0914-3NU	i3-370M	2.40		4GB	15.6" HD	LED	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	None	Prem 64	Aug 10

- 15.6" widescreen, glossy display with LED backlight
- Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face

  • Dolby® Advanced Audio™ certified audio system

  • Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without
- booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
  • These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i3 processor i3-330M, i3-350M or i3-370M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or Intel Core i5 processor i5-450M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows <sup>®</sup> 7 Home Premium 64  Preloaded applications <sup>14</sup> (only some listed)  • Lenovo OneKey Recovery • Lenovo ReadyComm
Memory	<b>3GB</b> or <b>4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available	ooVoo™     McAfee® VirusScan® Plus     (60 days of virus definitions)
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 320GB (5400 rpm) or 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	Adobe® Reader®     Windows Live Essential     CyberLink YouCam
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, 0.3-megapixel or 1.3-megapixel, fixed focus, LED indicator	Microsoft Office 2010 preloaded; purchase product key to activate     VeriFace <sup>™</sup> Lenovo Energy Management
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant	Software
Keyboard Numeric keypad Touch controls	Full-size keyboard, 6-row, recovery button Numeric keypad on right of keyboard Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management	
Light sensor Touch pad	None Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 14.8" x 9.8" x 0.7" to 1.4"; 376.8mm x 249.8mm x 17.3mm to 34.9mm with optical drive and battery: 6-cell: 5.73 lb (2.6 kg) Black top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium lon 6-cell Up to 4 hr	65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel HM55 Express Chipset One slot (ExpressCard/34) 5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™) Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI),	Limited Warranty¹²  ⇒ 1-year parts and labor  ⇒ Depot repair service¹⁰  ⇒ Service upgrade options
TV tuner PCIe Mini Card 11b/g/n²8 Bluetooth™ Modem Ethernet Audio support  Security Fingerprint reade	ethernet (RJ-45)  None Two PCIe Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Broadcom® chip or Atheros chip None None 10/100M ethernet, Realtek® RTL8103EL High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio certified / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm) User password, hard disk password, supervisor password, security lockhole	(in eligible locations):  • 1-year Lenovo Onsite Repair <sup>13</sup> 78Y1532  • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair <sup>13</sup> 78Y1536 • 3-year Lenovo Depot Repair 78Y1538  ≈ 24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686

Type-model	Pro- cessor	GHz	Max turbo (GHz)		Widescreen display	CCFL or LED	Cam- era	Integrated graphics	SATA disk	SATA optical	PCle Mini Card 802.11	Top color	Blue- tooth	Win7 preload	Avail date
0914-3AU i				3GB	15.6" HD	LED	1.3M	Intel HD		DVD±RW	11b/g/n <sup>28</sup>	Black	Blue	Prem 64	
0914-3DU i 0914-3EU i			2.66	3GB 4GB	15.6" HD 15.6" HD	LED LED	1.3M 1.3M	Intel HD Intel HD	320GB 500GB	DVD±RW DVD±RW	11b/g/n 11b/g/n	Black Black		Prem 64 Prem 64	
<sup>₹</sup> 0914-3JU i	i3-370M	2.40		3GB	15.6" HD	LED	1.3M	Intel HD	320GB	DVD±RW	11b/g/n	Black	Blue	Prem 32	Dec 10
<sup>₹</sup> 0914-3LU i	i5-460M	2.53	2.80	4GB	15.6" HD	LED	1.3M	Intel HD	500GB	DVD±RW	Intel 1000 <sup>28</sup>	Black	Blue	Prem 64	Dec 10
<sup>₹</sup> 0914-3MU i	i3-370M	2.40		4GB	15.6" HD	LED	1.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	Blue	Prem 64	Dec 10
₹ 0914-3PU i	i5-460M	2.53	2.80	4GB	15.6" HD	LED	1.3M	Intel HD	750GB	DVD±RW	Intel 1000	Black	Blue	Prem 64	Dec 10

- 15.6" widescreen, glossy display with LED backlight
- Integrated camera and Lenovo's VeriFace face recognition software
- helps control access to your notebook by recognizing your face

   Dolby® Advanced Audio™ certified audio system

   Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i3 processor i3-350M or i3-370M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or Intel Core i5 processor i5-450M or i5-460M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Some: Genuine Windows® 7 Home Premium 32 - Some: Genuine Windows 7 Home Premium 64  Preloaded applications¹⁴ (only some
Memory	<b>3GB</b> or <b>4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available	Lenovo OneKey Recovery     Lenovo ReadyComm     ooVoo™
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 320GB (5400 rpm), 500GB (5400 rpm), or 750GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	McAfee® VirusScan® Plus (60 days of virus definitions)     Adobe® Reader®     Windows Live Essential
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, LED indicator	CyberLink YouCam Microsoft Office 2010 preloaded; purchase product key to activate VeriFace™  VeriFace™
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant	Lenovo Energy Management     Software     Cyberlink Power2Go (DVD±RW)
Keyboard Numeric keypad Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery button Numeric keypad on right of keyboard Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management None Two-button touch pad with scroll feature (no TrackPoint®)	Lenovo DirectShare
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 14.8" x 9.8" x 0.7" to 1.4"; 376.8mm x 249.8mm x 17.3mm to 34.9mm with optical drive and battery: 6-cell: 5.73 lb (2.6 kg) Black top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium lon 6-cell Up to 4 hr	65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel HM55 Express Chipset One slot (ExpressCard/34) 5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™) Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	RoHS-compliant  Limited Warranty <sup>12</sup> 1-year parts and labor  Depot repair service <sup>19</sup> Service upgrade options
TV tuner PCIe Mini Card 11b/g/n²8 Intel 1000²8 Bluetooth™ Modem Ethernet Audio support  Security Fingerprint reade	None Two PCIe Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Broadcom® chip or Atheros chip 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000 Bluetooth 2.1 wireless, LED indicator None 10/100M ethernet, Realtek® RTL8103EL High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio certification / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm) User password, hard disk password, supervisor password, security lockhole	(in eligible locations): <sup>3</sup> • 1-year Lenovo Onsite Repair <sup>13</sup> - 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair <sup>13</sup> - 78Y1536 • 3-year Lenovo Depot Repair - 78Y1538  24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686

Type-model	Pro- cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Cam- era	Discrete graphics	SATA disk	SATA optical	PCle Mini Card 802.11	Top color	Blue- tooth	Win7 preload	Avail date
0914-39U i 0914-33U i					15.6" WXGA 15.6" WXGA	LED LED	1.3M 1.3M			DVD±RW DVD±RW				Prem 64 Prem 64	May 10 May 10

- 15.6" widescreen, glossy display with LED backlight
- Integrated camera and Lenovo's VeriFace face recognition software
- helps control access to your notebook by recognizing your face

   Dolby® Advanced Audio™ certified audio system

   Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
  • These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i3 processor i3-350M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or Intel Core i5 processor i5-430M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Home Premium 64  Preloaded applications¹⁴ (only some listed)  • Lenovo OneKey Recovery • Lenovo ReadyComm
Memory	<b>4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available	CoVoo™     McAfee® VirusScan® Plus     (60 days of virus definitions)
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	Adobe® Reader®     Windows Live Essential     CyberLink YouCam
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, LED indicator	Microsoft Office 2010 preloaded; purchase product key to activate VeriFace™ Lenovo Energy Management
Discrete graphics	NVIDIA® GeForce® G310M, PCI Express® x16, 512MB memory, DirectX® 10.1, NVIDIA PureVideo® HD technology, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant	Software Cyberlink Power2Go (DVD±RW) Lenovo DirectShare
Keyboard Numeric keypad Touch controls	Full-size keyboard, 6-row, recovery button Numeric keypad on right of keyboard Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management	
Light sensor Touch pad	None Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 14.8" x 9.8" x 0.7" to 1.4"; 376.8mm x 249.8mm x 17.3mm to 34.9mm with optical drive and battery: 6-cell: 5.73 lb (2.6 kg) Black top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 3.5 hr	65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Chipset ExpressCard/34 Multicard reader	Mobile Intel HM55 Express Chipset One slot (ExpressCard/34) 5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	Limited Warranty¹²
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	<ul> <li>Depot repair service<sup>19</sup></li> <li>Service upgrade options (in eligible locations):<sup>9</sup></li> </ul>
TV tuner PCIe Mini Card 11b/g/n²8 Bluetooth™ Modem Ethernet	None Two PCIe Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Broadcom® chip or Atheros chip None None 10/100M ethernet, Realtek® RTL8103EL	1-year Lenovo Onsite Repair <sup>13</sup> 78Y1532     1-year Onsite with accidental damage protection 78Y1533     2-year Lenovo Onsite Repair <sup>13</sup> 78Y1536
Audio support  Security	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio certification / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm) User password, hard disk password, supervisor password, security lockhole	3-year Lenovo Depot Repair     78Y1538     24x7¹⁶ toll-free support for warranty issues during the warranty period¹²
Fingerprint reader		via 877-453-6686

	Type-model	Pro- cessor	GHz	Max turbo (GHz)	Memory	Widescreen	OCFL or LED		Discrete graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Blue- tooth	Win7 preload	Avail date
<b>I</b>	0914-3BU 0914-3KU 0914-3HU	i5-460M	2.53	2.80	4GB 4GB 4GB	15.6" HD 15.6" HD 15.6" HD	LED	1.3M	GF 310M 512MB GF 310M 512MB GF 310M 1GB		DVD±RW	Intel 1000 <sup>28</sup> Intel 1000 Intel 1000	Black Black Black	Blue	Prem 64 Prem 64 Prem 64	Dec 10

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- Integrated camera and Lenovo's VeriFace face recognition software
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   Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
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- This system is Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle Intel® Core™ i5 processor i5-460M or i5-540M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Home Premium 64 - Preloaded applications¹⁴ (only some
Memory	4GB std / 8GB max <sup>7</sup> ; 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	listed)  Lenovo OneKey Recovery  Lenovo ReadyComm
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	ooVoo <sup>™</sup> McAfee® VirusScan® Plus     (60 days of virus definitions)     Adobe® Reader®
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, LED indicator	Windows Live Essential     CyberLink YouCam     Microsoft Office 2010 preloaded;
Discrete graphics	NVIDIA® GeForce® 310M, PCI Express® x16, 512MB or 1GB memory, DirectX® 10.1, NVIDIA PureVideo® HD technology, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant	purchase product key to activate  • VeriFace™  • Lenovo Energy Management
Keyboard Numeric keypad Touch controls	Full-size keyboard, 6-row, recovery button Numeric keypad on right of keyboard Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management	Software Cyberlink Power2Go (DVD±RW) Lenovo DirectShare
Light sensor Touch pad	None Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 14.8" x 9.8" x 0.7" to 1.4"; 376.8mm x 249.8mm x 17.3mm to 34.9mm with optical drive and battery: 6-cell: 5.73 lb (2.6 kg) Black top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 3.5 hr	65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Chipset ExpressCard/34 Multicard reader Ports	Mobile Intel HM55 Express Chipset One slot (ExpressCard/34) 5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™) Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	Limited Warranty¹²
TV tuner PCIe Mini Card Intel 1000 <sup>28</sup> Bluetooth™ Modem Ethernet Audio support  Security Fingerprint reader	None Two PCle Mini Card slots 11b/g/n wireless <sup>4</sup> , PCle Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Bluetooth 2.1 wireless, LED indicator None 10/100M ethernet, Realtek® RTL8103EL High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio certification / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm) User password, hard disk password, supervisor password, security lockhole	• 1-year Lenovo Onsite Repair <sup>13</sup> 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair <sup>13</sup> 78Y1536 • 3-year Lenovo Depot Repair  78Y1538  24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686

See footnotes for important warranty information

				CCFL				PCIe Mini									
	Type-model	Pro- cessor	GHz	Cores	Memory	Widescreen / display	or LED	Cam- era	Integrated graphics		SATA optical	Card 802.11	Top color	Ethernet	Blue- tooth	Win7 preload	Avail date
	4311-35U	N530	2.50	2	4GB	15.6" HD	LED	1.3M	HD 4270	320GB8	DVD±RW	11b/g/n <sup>28</sup>	Black	1000M	None	Prem 64	Jul 10
	4311-36U	N830	2.10	3	4GB	15.6" HD	LED	1.3M	HD 4270	320GB	DVD±RW	11b/g/n	Black	1000M	None	Prem 64	Jul 10
133	4311-3CU	P540	2.40	2	4GB	15.6" HD	LED	0.3M	HD 4270	500GB	Blu-ray	11b/g/n	Black	100M	None	Prem 64	Aug 10
13	4311-3DU	P540	2.40	2	4GB	15.6" HD	LED	0.3M	HD 4270	500GB	DVD±ŘW	11b/g/n	Black	100M	None	Prem 64	Aug 10

- 15.6" widescreen, glossy display with LED backlight
- Integrated camera and Lenovo's VeriFace face recognition software
- helps control access to your notebook by recognizing your face
   Dolby® Advanced Audio™ certified audio system
   Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- · OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle  AMD® Turion™ II Dual-Core Mobile processor N530 or P540 with dual-core, integrated DDR3 memory controller, and 2MB L2 cache or  AMD Phenom™ II Triple-Core Mobile processor N830 with triple-core, integrated DDR3 memory controller, and 1.5MB L2 cache	Preloaded operating system <sup>20</sup> - Genuine Windows 7 Home Premium 64  Preloaded applications <sup>14</sup> (only some
Memory	4GB std / 8GB max <sup>7</sup> ; 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	Lenovo OneKey Recovery     Lenovo ReadyComm     ooVoo™
Diskette drive SATA optical SATA disk	None Some: DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in Some: Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in 320GB (5400 rpm) or 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	McAfee® VirusScan® Plus     (60 days of virus definitions)     Adobe® Reader®     Windows Live Essential     Charliely Cosenial
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, 0.3-megapixel or 1.3-megapixel, fixed focus, LED indicator	CyberLink YouCam     Microsoft Office 2010 preloaded; purchase product key to activate     VeriFace
Integrated graphics	ATI™ Mobility Radeon™ HD 4270 Graphics, in M880G, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant	<ul> <li>Cyberlink Power2Go (DVD±RW)</li> </ul>
Keyboard Numeric keypad Touch controls	Full-size keyboard, 6-row, recovery button Numeric keypad on right of keyboard Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management	Lenovo DirectShare
Light sensor Touch pad	None Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup> Chipset	(WxDxH): 14.8" x 9.8" x 0.7" to 1.4"; 376.8mm x 249.8mm x 17.3mm to 34.9mm with optical drive and battery: 6-cell: 5.73 lb (2.6 kg) Black top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium lon 6-cell Up to 4 hr  AMD M880G Chipset, SB820M south bridge	65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
ExpressCard/34 Multicard reader Ports	One slot (ExpressCard/34) 5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™) Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	Limited Warranty¹²
TV tuner PCIe Mini Card 11b/g/n²8 Bluetooth™ Modem Ethernet	None Two PCle Mini Card slots 11b/g/n wireless <sup>4</sup> , PCle Half Mini Card, Broadcom® chip or Atheros chip None None Some: 10/100M ethernet, Atheros AR8152 Some: Gigabit ethernet, Atheros AR8151	(in eligible locations):  • 1-year Lenovo Onsite Repair <sup>13</sup> - 1-year Onsite with accidental damage protection  • 2-year Lenovo Onsite Repair <sup>13</sup> • 1-year Onsite With accidental 78Y1533
Audio support Security Fingerprint reader	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio™ certified / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm) User password, hard disk password, supervisor password, security lockhole	• 3-year Lenovo Depot Repair 78Y1538  ≈ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686

Type-model	Pro- cessor	GHz	Cores	Memory	Widescreen display	CCFL or LED	Discrete graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Numeric Keypad	Blue- tooth	Win7 preload	Avail date
4311-37U 4311-34U	P520 N530				15.6" HD 15.6" HD							Keypad Keypad			

- 15.6" widescreen, glossy display with LED backlight
- Integrated camera and Lenovo's VeriFace face recognition software
- Integrated carrier a and Lenovo's veriface face recognition software helps control access to your notebook by recognizing your face
   Dolby® Advanced Audio™ certified audio system
   Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode
  These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle AMD® Turion™ II Dual-Core Mobile processor P520 or N530 with dual-core, integrated DDR3 memory controller, and 2MB L2 cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Home Premium 64
Memory	4GB std / 8GB max <sup>7</sup> ; 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 applications <sup>14</sup> (only some listed)  • Lenovo OneKey Recovery
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in <b>320GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	Lenovo ReadyČomm     ooVoo™     McAfee® VirusScan® Plus     Godoo of virus definitions
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, 0.3-megapixel, fixed focus, LED indicator	(60 days of virus definitions)  ■ Adobe® Reader®  ■ Windows Live Essential  ■ CyberLink YouCam
Discrete graphics	<b>ATI™ Mobility Radeon™ HD 5470</b> , PCI Express® x16, <b>512MB</b> memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant	Microsoft Office 2010 preloaded; purchase product key to activate
Keyboard Numeric keypad Touch controls Light sensor Touch pad	Full-size keyboard, 6-row, recovery button Numeric keypad on right of keyboard Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management None Two-button touch pad with scroll feature (no TrackPoint®)	VeriFace Lenovo Energy Management Software Cyberlink Power2Go (DVD±RW) Lenovo DirectShare
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 14.8" x 9.8" x 0.7" to 1.4"; 376.8mm x 249.8mm x 17.3mm to 34.9mm with optical drive and battery: 6-cell: 5.73 lb (2.6 kg) Black top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell Up to 3.5 hr	90-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Chipset ExpressCard/34 Multicard reader Ports	AMD M880G Chipset, SB820M south bridge One slot (ExpressCard/34) 5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™) Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	Limited Warranty¹²
TV tuner PCIe Mini Card 11b/g/n²8 Bluetooth™ Modem Ethernet Audio support  Security Fingerprint reader	None Two PCIe Mini Card slots 11b/g/n wireless⁴, PCIe Half Mini Card, Broadcom® chip or Atheros chip None None Gigabit ethernet, Atheros AR8151 High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio™ certified / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm) User password, hard disk password, supervisor password, security lockhole None	• 1-year Lenovo Onsite Repair <sup>13</sup> 78Y1532 • 1-year Onsite with accidental damage protection 78Y1533 • 2-year Lenovo Onsite Repair <sup>13</sup> 78Y1536 • 3-year Lenovo Depot Repair  78Y1538  24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686

## IdeaPad™ Accessories

Partial list of accessories supported on: IdeaPad S10, S10-2, S10-3, S10-3s, S10-3t, \$10-350, U450p, Y450, Y460, Y550, Y560, Y650, Y						
Memory S10 and S10-3s 2G PC2-5300 DDR2 SODIMM Memory	57Y6301	S9, S10, and U150 IdeaPad S9/S10 40W AC Adapter (white) IdeaPad S9/S10 40W AC Adapter (black)	45K2200 ann 11/18/08 45K2209 ann 11/18/08			
<i>Y460, Y560, Z360, and Z560</i> 1G PC3-8500 DDR3 SODIMM Memory 2G PC3-8500 DDR3 SODIMM Memory	57Y6509 57Y6511	S10-3, S10-3s, and S10-3t Lenovo 30W AC Adapter (white) Lenovo 30W AC Adapter (black)	57Y6430 57Y6415			
Storage and removable storage USB 2.0 MyKey E10 Flash Drive 1GB USB 2.0 MyKey E10 Flash Drive 2GB	45J7701 ann 04/29/08 45J7702 ann 04/29/08	S10-2, S12, and U160 Lenovo 40W AC Adapter 40A (white) Lenovo 40W AC Adapter 40A (black)	55Y9361 55Y9370			
USB 2.0 MyKey E10 Flash Drive 4GB USB 2.0 MyKey C40 Flash Drive 4GB USB 2.0 Portable Secure 160GB Hard Disk	45J7703 <i>ann 04/29/08</i> 57Y6289 43R2018 <i>ann 11/18/08</i>	Y460, Y560, Z360, and Z560 Lenovo 65W AC Adapter 65A	57Y6400			
USB 2.0 Portable Secure 320GB Hard Disk USB 2.0 Portable 500GB Hard Disk	43R2019 ann 11/18/08 45K1690 ann 05/26/09	U350, U450P, U550, Y450, Y550, and Y650 Ideapad 65W AC Adapter	45K2225			
USB 2.0 Super Multi-Burner Drive (black) Lenovo DataSlim UHD E18 320GB Lenovo DataSlim UHD E18 500GB	45Y2152 ann 01/06/09 55Y9401 55Y9402	Y460 and Y560 Lenovo 90W AC Adapter 90A U330, U350, U450P, U550, Y450, Y550, Y65	57Y6385			
Lenovo Portable DVD Burner GP20N (black) Lenovo Portable DVD Burner GP20N (white)	55Y9391 55Y9392	Lenovo 90W AC Adapter  45 Only compatible with the integrated graph	45J7717 ann 08/12/08			
Expansion Lenovo Essential Notebook Stand Lenovo Notebook Stand S1801A (black)	45J9292 ann 05/12/09 57Y6484	V560 Lenovo 120W AC Adapter	57Y6549			
USB Port Replicator with Digital Video	45K1610 ann 07/28/09	Carrying Cases IdeaPad 10" Sleeve S1616 (Black)	57Y6456			
Reyboard Preferred For USB Keyboard Enhanced Performance USB Keyboard Lenovo Mini Wireless Keyboard N5901 <sup>52</sup> (blk) Ultraslim Wireless Keyboard and Mouse <sup>52</sup> <sup>52</sup> Wireless via 2.4GHz technology using a m	57Y4700 ann 09/15/09	Ideapad 11" Sleeve S310 Ideapad 12" TopLoader T220 (Black) Ideapad 12" TopLoader T220 (Grey) Ideapad 13" Sleeve S135 (Pink) Ideapad 13" Sleeve S135 (Grey) Ideapad 13" Sleeve S135 (Black)	55Y2086 55Y2024 55Y2025 57Y6320 57Y6318 57Y6319			
Mouse Lenovo Laser Mouse (USB) Lenovo Mini Optical Mouse M30 (blue) Mini Wireless Laser Mouse N10 (black) Lenovo Optical Mouse A6010 (red) Lenovo Optical Mouse A6010 (black) Lenovo Mini Optical Mouse S10B (white) Lenovo Mini Optical Mouse S10B (black) Lenovo Mini Optical Mouse M20B Lenovo Mini Optical Mouse M30 (blue) Bluetooth Laser Mouse N6901A (black)	41U3074 ann 01/23/07 47J7738 ann 06/17/08 45J7731 ann 06/17/08 57Y6483 57Y6255 55Y9358 55Y9357 55Y2091 45J7738 57Y6464	Wenger 14" Backpack CB540 Ideapad 15" Backpack B450 (Blue-Basic) Ideapad 15" Backpack B450 (Black-Basic) IdeaPad 15" Backpack B450 (pink) Ideapad 15" Backpack B450 (Blue) Lenovo 15" Backpack B5650 Lenovo 15" Entry Backpack B10 IdeaPad 15" TopLoader T150 (Green) IdeaPad 15" Messenger Case M150 (White) IdeaPad 15" Messenger Case M150 (Black) Ideapad 16" TopLoader T360				
Bluetooth Laser Mice N6901A (glossy black) Lenovo Wireless Mouse N30B (black) Lenovo Mini Wireless Laser Mouse N10 (blk)	57Y6482 55Y9360 45J7731	Monitors Lenovo L2230x Wide 21.5" Monitor ThinkVision® L1711p 17" Monitor ThinkVision L1900p 19" Monitor	5453HB1 ann 06/10/10 5047HB2 ann 10/20/09 4431HE1 ann 11/11/08			
Multimedia Lenovo Mini Speaker M220 Lenovo Headphone P550 Lenovo 7" LCD DPF P700 Black Lenovo 7" LCD DPF P710 Gold	55Y2033 55Y2065 55Y2059 55Y2048	ThinkVision L1951p Wide 19" Monitor ThinkVision L2250p Wide 22" Monitor ThinkVision L2251p Wide 22" Monitor ThinkVision L2251x Wide 22" Monitor ThinkVision L2321x Wide 23" Monitor ThinkVision L2321x Wide 24" Monitor	2448HB6 ann 10/20/09 2572HB6 ann 10/20/09 2572HD6 ann 10/20/09 2578HB6 ann 10/20/09 4014HB6 ann 06/10/10 4420HB2 ann 09/17/08			
Batteries and adapters IdeaPad S9/S10 Li-Ion Battery 6-cell (black) IdeaPad S9/S10 Li-Ion Battery 6-cell (white) IdeaPad S10-2 Li-Ion Battery 6-cell (black) IdeaPad S10-2 Li-Ion Battery 6-cell (white) IdeaPad S10-3 Li-Ion Battery 8-cell (black) IdeaPad S10-3 Li-Ion Battery 6-cell (white) IdeaPad S10-3 Li-Ion Battery 6-cell (black) IdeaPad U150 Li-Ion Battery 6-cell (black) IdeaPad U350 Li-Ion Battery 8-cell (black)	45K2178 ann 12/16/08 45K2177 ann 12/16/08 55Y9382 55Y9383 57Y6452 57Y6448 57Y6446 57Y6354 57Y6352	Monitor Accessories <sup>46</sup> ThinkVision USB Soundbar ThinkVision Soundbar Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock Lenovo Easy Reach Monitor Stand <sup>46</sup> Compatible on selected ThinkVision mon More information at www.lenovo.com/supp				
IdeaPad U350 Li-Ion Batterý 4-cell (white) IdeaPad U450P/U550 Li-Ion Battery 6-cell (b) IdeaPad Y450/Y550 Li-Ion Battery 6-cell	57Y6265 57Y6309 55Y2054 <i>ann 04/07/09</i>	Consumer monitors				
IdeaPad Y460/Y560 Li-Ion Batterý 6-cell (blk) G460/G560/V360/Z460/Z560 Li Battery 6-cell	57Y6440 57Y6454	Lenovo L195 Wide 19" LCD Monitor Lenovo L222 Wide 22" LCD Monitor  4418HC1 ann 09/02/08 4432HF1 ann 09/02/08				
IdeaPad Y650 Li-Ion Battery 6-cell	55Y2055 ann 04/07/09	Other accessories at www.lenovo.com/acc Accessories Guide pdf at www.lenovo.com/				

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**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:

- Power management, including Intel® SpeedStep® Technology, reduces processor speed when in battery mode.
- Weight includes battery and standard optical drive; weight may vary due to vendor components, manufacturing process and options.
- Thinness may vary at certain points on the system.
- Wireless capability: Requires compatible wireless-enabled options sold separately.
- 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.
- 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.
- Maximum memory capacity may require the replacement of standard component with largest supported component available. On 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.

- B Hard drive: GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.
- <sup>9</sup> 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.
- <sup>10</sup> 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.
- 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.
- <sup>12</sup> Limited warranty: Support unrelated to a warranty issue may be subject to additional charges.
- 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.
- <sup>14</sup> 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.
- 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.

- <sup>16</sup> Response times may vary. May exclude some holidays. Telephone support may be subject to additional charges.
- <sup>17</sup> 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.
- <sup>18</sup> Telephone support may be subject to additional charges, even during the limited warranty period. Response times may vary and may exclude some holidays.
- 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.
- 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.
- For combination drives, maximum possible speeds only are given in the following order: CD write, CD rewrite, CD read. DVD read.
- <sup>22</sup> 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.

- 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.
- The IEEE 802.11n specification (MIMO) has been finalized and is currently in IEEE 802.11n-2009 release. 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, 11b/g/n, or 11a/b/g/n can communicate on any of its supported formats.



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

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