



Lenovo® ThinkPad Edge 14"



Lenovo ThinkPad Edge 14" (Glossy black model)



Lenovo ThinkPad Edge 14"



ThinkPad In-Ear Headphones with mic 57Y4488



Lenovo ThinkPad Edge 14"

Type-model	Processor	GHz	Memory	Wide- screen display	Disk SATA GB <sup>®</sup> rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Carrier	Top color	Finger print reader	Blue- tooth		Preload	Avail date
0578-HSU	i3-370M	2.40	4GB	14.0" HD	320G 7200	Intel 1000	None	None	Glossy black	Finger	Blue	6	XP Pro	Jul 10
0578-HYU	i3-370M	2.40	2GB	14.0" HD	250G 5400	Intel 1000	None	None	Matte black	•		6	XP Pro	Jul 10

These small and medium business (SMB) models are part of the US TopSeller™ Program

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3 processor i3-370M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology; 3MB cache	Preloaded operating system <sup>20</sup> - Windows® XP Professional preinstalled through downgrade rights in Genuine Windows 7
Memory	2GB or 4GB std / 8GB max <sup>7</sup> / PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; ltalics: standard memory in both sockets; no sockets available; standard memory in one socket; one socket available	Professional 32  Preloaded applications¹⁴ (only some listed)  ■ Rescue and Recovery™
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in <b>250GB</b> <sup>8</sup> (5400 rpm) or <b>320GB</b> (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™	Access Connections <sup>™</sup> Password Manager     ThinkVantage Power Manager     ThinkVantage System Update
Widescreen display Camera	14.0" (355mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 2.0-megapixel, fixed focus	ThinkVantage Toolbox     Adobe® Reader®     Adobe Flash® Player     Skype™ for Windows
Integrated graphics	Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display;  Max external resolution: 2048x1536@75Hz; 1920x1080 (HDMI port)	Chype lei Wildelle
Keyboard TrackPoint® Touch pad	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar¹³ UltraNav™.	
ThinkLight™	wide touch pad below keyboard, Tap Zones, multi-touch None	Supports ThinkVantage® technologies
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color  Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup>	14.0W" (WxDxH): 13.54" x 9.17" x 1.25-1.46"; 344 x 233mm x 31.8-37.0mm 4-cell: from 4.72 lb (2.14kg); 6-cell: from 4.9 lb (2.22kg); 9-cell: from 5.29 lb (2.40kg) Matte black (top) or glossy black (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 4-cell: up to 2.9 hr; 6-cell: up to 4.5 hr	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support during the warranty period¹2
Chipset	Mobile Intel HM55 Express Chipset	via 800-426-7378 **
ExpressCard/34 Multicard Reader Ports	One ExpressCard/34 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	ThinkPlus™.22 1-year LOR24 9x5 NBD 45K5968 ThinkPlus 2-year LOR 9x5 NBD
PCIe Mini Card Intel 1000 WWAN upg	Two PCI Express Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 None	45K5969 ThinkPlus 3-year LOR 9x5 NBD 45K5970 ThinkPlus 4-year LOR 9x5 NBD
Modem Bluetooth™ Ethernet	None Some: Bluetooth 2.1 wireless Realtek® RTL8111DL Gigabit Network Connection	45K5973 ThinkPlus 2-year P&L P/U Depot 45K5971
Intel AMT Audio support	None High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/	ThinkPlus 3-year P&L P/U Depot 45K5972
Security	mono digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	ThinkPlus 4-year P&L P/U Depot 45K5974
	None r <i>Some:</i> UPEK Fingerprint reader on palm rest, swipe sensor	Post-warranty annual maintenance agreements at
	<sup>2</sup> 1-year - depot repair service / service upgrades <sup>22</sup> available	lenovo.com/thinkplus/warranty

See footnotes for important warranty information US models announced July 6, 2010 US models withdrawn effective October 2010

© Lenovo (BER1-4) October 2010

Type-model Proces	sor GHz	Memory	Wide- screen display	Disk SATA GB <sup>®</sup> rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Carrier	Top color	Finger print reader				Avail date		
0578-23U i3-350 0578-25U i3-330 0578-27U i3-330 0578-29U i3-330 0578-2AU i3-330 0578-2BU i3-330 0578-65U i3-330 0578-66U i3-330 0578-64U Cel P <sup>2</sup> 0578-7ZU Cel P <sup>2</sup> 0578-82U i3-330 0578-83U i3-330 0578-84U i3-330 0578-84U i3-330 0578-85U i3-330	M 2.26 M 2.13 M 2.13	2+1GB 2GBx2 2GBx1 2GBx1 2GBx2 2GBx2 2GBx2 2+1GB 2GBx1 2GBx1 2GBx1 2+1GB 2+1GB 2GBx1 2GBx1 2GBx1	14.0" HD 14.0" HD	320G 7200 250G 5400 250G 5400 250G 5400 250G 5400 320G 7200 320G 7200 320G 7200 250G 5400 250G 5400 250G 5400 250G 5400 250G 5400 250G 5400 250G 5400 250G 5400 250G 5400 250G 5400	Intel 6200 <sup>28</sup> 11b/g/n Intel 1000	Gobi 2000	AT&T <sup>23</sup> Verizon <sup>16</sup>	Matte black Matte black Glossy black Matte black	Finger	Mar 10 Mar 10 Mar 10 Mar 10 Mar 10 Mar 10 Mar 10 Apr 10 Apr 10 Apr 10 Apr 10 Apr 10 Apr 10 Apr 10 Apr 10 Apr 10					
0578-C5U i3-350 0578-C6U i3-350				320G 7200 500G 7200	Intel 1000 Intel 1000			Matte black Glossy black		Blue Blue		Pro 64 Pro 64	Apr 10 Apr 10		
Positioning Processor	Intel® Celeron® Processor P4500 with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), and 2MB cache Intel Core™ i3 processor i3-330M or i3-350M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology; 3MB cache  2GB, 3GB, or 4GB std / 8GB max² / PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets  - Some: Genuine Windows Professional 32 - Some: Genuine Windows														
Memory	2GB, 3G	B, or 4GI	B std / 8GE		Preloaded applications <sup>14</sup> (only										
SATA DVD±RW SATA disk Widescreen display	DVD burn 250GB <sup>8</sup> ( SATA 3.0 Active Pr 14.0" (35	ner, SATA (5400 rpn )Gb/s, 2.5 otection ( 55mm) <b>HI</b>	1.5Gb/s, n), <b>320GB</b> 5" wide, 9.5 System™ <b>D (1366x7</b> 6			Rescue and Recovery™     Access Connections™     Password Manager     ThinkVantage Power Manager     ThinkVantage System Update     ThinkVantage Toolbox									
Camera				D-megapixel,		iasi ialio						et Security 20 s definitions)			
Integrated graphics	external a digital mo supports	analog m onitor sup dual inde	port via Hl ependent d	oort via VGA I DMI™ (suppo	rting HDCP	to output pro		ontent);	Adobe® Reader®     Adobe Flash® Player     Skype™ for Windows     Microsoft Office 2010 preloaded; purchase product key to activate     Microsoft Research AutoCollage						
Keyboard TrackPoint® Touch pad	TrackPoin UltraNav wide toud	nt® pointin ™,	ng device, I	edia Fn keys nternet Scroll ard, Tap Zone		ch			Micro Touch		esea	arch AutoCol	lage		
ThinkLight™ Dimensions³	None 14 0W" (	WxDxH)·	13 54" x 9	.17" x 1.25-1.	46"· 344 x 2	33mm x 31	8-37 0mm	<u> </u>	Support	ts Thir	ıkVa	ntage® techr	ologies		
Weight <sup>2</sup> Case color  Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup>	4-cell: from Matte bla trimmed Acrylonit Lithium lo	om 4.72 l ack (top), with a thi rile-Butac on <b>4-cell</b>	b (2.14kg); glossy blad n silver bar diene-Styre	6-cell: from ck (top), or glo nd (side); blac ene (ABS) place	4.9 lb (2.22) ossy red (top ok bottom	kg); <i>9-cell:</i> 1			ENERG	M Gold pt Cel Y STA pt Cel	d rat eror AR® eror		nt		
Chipset ExpressCard/34 Multicard Reader Ports	One Exp 7-in-1 rea Three US external	ressCard ader (MM SB 2.0 (or monitor (\	C, Memory ne powered VGA DB-15	, Stick, Mem : d), one USB 2 5, HDMI), eth	2.0/eSATA co	ombo port,	D, XD Type	e H)	Internat 24 hour during	ional \ x 7 da	Narr ay <sup>18</sup> varra	anty Service toll-free supp anty period <sup>12</sup> 78	ort		
PCIe Mini Card 11b/g/n Intel 1000 Intel 6200 <sup>28</sup> Gobi™ 2000	Some: 1 Some: 1 Some: \	l 1b/g/n w l 1b/g/n w l 1a/b/g/n Wireless \ GPRS/W(	ireless, PC wireless, F WAN, Qual CDMA/HSF	ninkPad 11b/g le Half Mini C Cle Half Mini comm chipse PA, GPS, cont	6200, 2x2	ThinkPl ThinkPl	us 2-y us 3-y	ear	LOR 9x5 NB 45I LOR 9x5 NB 45I	K5968 D K5969 D K5970					
Carrier Modem	None			ontract requir	eu with serv	ice provider			ThinkPl	us 4-y	ear	LOR 9x5 NB 451	D K5973		
Bluetooth™ Ethernet	Realtek®		2.1 wireles IDL Gigabi	ss t Network Co	nnection				ThinkPl	us 2-y	ear	P&L P/U De			
Intel AMT Audio support				Realtek ALC2		tereo speak	ers, 1.5 w	att x 2/	ThinkPlus 3-year P&L P/U Depot 45K5972						
	Power-on password, hard disk password, supervisor password, security keyhole None reader Some: UPEK Fingerprint reader on palm rest, swipe sensor											ThinkPlus 4-year P&L P/U Depot 45K5974 Post-warranty annual maintenance agreements at			
Limited warranty <sup>13</sup>	-			/ service upg	rades <sup>22</sup> avail	able						inkplus/warr			
See footnotes for in	nnortant w	arranty inf	formation									(6	Lenovo		

Type-model	Processor	GHz	Max turbo (GHz)	Memor	Wide- screen y display	Disk SATA GB <sup>®</sup> rpm	PCle Mini Card 802.11	PCle Mini Card WWAN	Carrier	Top color	Finger print reader	Blue-				Avail date
0578-9KU	i3-350M	2.26		4GB	14.0" HD	500G 5400	Intel 1000			Matte black			6	Home P 64	May	y 10
0578-DGU	i3-350M	2.26		2GB	14.0" HD	320G 7200	Intel 1000			Glossy red			6	Pro 64	May	10
0578-DHU	i3-350M	2.26		4GB	14.0" HD	500G 5400	Intel 1000			Glossy red			6	Pro 64	May	y 10
0578-F5U	i3-370M	2.40		2GB	14.0" HD	250G 5400	Intel 1000			Matte black			6	Pro 64	Jul	10
0578-F6U	i3-370M	2.40		4GB	14.0" HD	320G 7200	Intel 1000			Matte black			6	Pro 64	Jul	10
0578-F7U	i3-370M	2.40		4GB	14.0" HD	320G 7200	Intel 1000			Matte black	Fing	Blue	6	Pro 64	Jul	10
0578-F8U	i3-370M	2.40		4GB	14.0" HD	320G 7200	Intel 1000	Gobi 2000	AT&T <sup>23</sup>	Matte black	Fing	Blue	6	Pro 64	Jul	10
0578-F9U	i3-370M	2.40		4GB	14.0" HD	320G 7200	Intel 1000			Glossy red	Fing	Blue	6	Pro 64	Jul	10
0578-HTU	i3-350M	2.26		4GB	14.0" HD	250G 5400	Intel 1000			Matte black			4	Home P 64	Jul	10
0578-HUU	i3-370M	2.40		4GB	14.0" HD	250G 5400	Intel 1000			Matte black			4	Home P 64	Jul	10
0578-HVU	i3-350M	2.26		4GB	14.0" HD	320G 5400	Intel 1000			Glossy black			4	Home P 64	Jul	10
0578-HWU	i3-370M	2.40		4GB	14.0" HD	320G 5400	Intel 1000			Glossy black			4	Home P 64	Jul	10
0578-HXU	i5-450M	2.40	2.66	4GB	14.0" HD	500G 5400	Intel 1000			Glossy black	Fing	Blue	6	Pro 64	Jul	10
0578-HZU	i3-350M	2.26		4GB	14.0" HD	500G 5400	Intel 1000			Glossy black			6	Pro 64	Jul	10

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Memory   2GB or 4GB std / 8GB max² / PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; lialics: standard memory in both sockets; no sockets available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; no socket available; Non-Italics: standard memory in obth sockets; not socket available; Non-Italics: standard memory in obth sockets; not socket available; Non-Italics: standard memory in obth sockets; not socket available; Non-Italics: standard memory in obth sockets; not socket available; Non-Italics: standard memory in obth sockets; not socket available; Non-Italics: standard memory in obth sockets; not socket savialable; not socket available; not not socket savialable; non-Italiable; non-I		• These systems are wicrosoft Office 2010 Product Key Heady (OTOPKH)	
Sescue and Recovery™		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; 3MB cache or Intel Core i5 processor i5-450M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz),	<ul> <li>Some: Genuine Windows® 7         Home Premium 64     </li> <li>Some: Genuine Windows 7         Professional 64     </li> <li>Preloaded applications¹⁴ (only some</li> </ul>
SATA disk  250GB* (5400 rpm.), 320GB* (5400 rpm), or 500GB (5400 fpm) / SATA 3.0Gb/s, 2.5° wide, 9.5mm high, removable, upgradable, Active Protection System™  14.0" (355mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera  Integrated graphics  Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; Max external resolution: 2048x1536@ 75Hz; 1920x1080 (HDMI port)  Keyboard TrackPoint® TrackPoint® prointing device, Internet Scroll Bar¹³3 UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch None  14.0W* (WwDxH): 13.54* x 9.17* x 1.25-1.46*; 344 x 233mm x 31.8-37.0mm Acrylonitrile-Butadiene-Styrene (ABS) plastic Littimumed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Littimu for 4-cell: up to 2.9 hr; 6-cell: up to 4.5 hr  Chipset Chipset Chipset Chipset Chipset Chipset Chipset Chipset Chipset Cone Express Mini Card slots Intel 1000 Gobi™ 2000 Carrier Modelm Modem Mode		dual-channel capable, two 204-pin SO-DIMM sockets;  Italics: standard memory in both sockets available;	<ul> <li>Rescue and Recovery™</li> <li>Access Connections™</li> <li>Password Manager</li> <li>ThinkVantage Power Manager</li> </ul>
Adobe Flash   Apylogram   A		<b>250GB</b> <sup>8</sup> (5400 rpm), <b>320GB</b> (5400 or 7200 rpm), or <b>500GB</b> (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable,	<ul> <li>ThinkVantage Toolbox</li> <li>Norton™ Internet Security 2011 (30 days of virus definitions)</li> </ul>
Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; Max external resolution: 2048x1536@75Hz; 1920x1080 (HDMI port)  Keyboard TrackPoint® G-row, spill-resistant, multimedia Fn keys UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch None  Dimensions³ Weight® Case color Matte black (top), glossy plack (top), or glossy red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 4-cell or 6-cell up to 2.9 hr; 6-cell: up to 2.9 hr; 6-cell: up to 4.5 hr  Chipset ExpressCard/34 Multicard Reader Ports  Ports Two PCI Express Mini Card slots Intel 1000 Gobi™ 2000 Carrier Some: AT&T®, contract required with service provider Modem None  Intel HD Graphics in processor, walter Max Hollow (support of ADS 15 connector and digital monitor via VGA DB-15 connector and digital monitor wis ADM Ports and Ports and Ports of the provider	display	LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	<ul> <li>Adobe Flash® Player</li> <li>Skype™ for Windows</li> </ul>
TrackPoint® TrackPoint® pointing device, Internet Scroll Bar¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch None  Dimensions³ Weight² Case color Case material Battery - type³¹ Battery - life¹⁰ Chipset ExpressCard/34 Multicard Reader Ports  Mobile Intel HM55 Express Chipset One ExpressCard/34 Multicard Reader Ports  Two PCI Express Mini Card slots Intel 1000 Gobi™ 2000 Gobi™ 2000 Gobi™ 2000 Carrier Modem Modem  TrackPoint® pointing device, Internet Scroll Bar¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch None  Supports ThinkVantage® technologies Supports Thin		external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display;	<ul><li>purchase product key to activate</li><li>Microsoft Research AutoCollage</li></ul>
Dimensions³    14.0W" (WxDxH): 13.54" x 9.17" x 1.25-1.46"; 344 x 233mm x 31.8-37.0mm     4-cell: from 4.72 lb (2.14kg); 6-cell: from 4.9 lb (2.22kg); 9-cell: from 5.29 lb (2.40kg)     Aczylonitrile-Butadiene-Styrene (ABS) plastic     Battery - type³7     Battery - life¹⁰   4-cell: up to 2.9 hr; 6-cell: up to 4.5 hr     Chipset   ExpressCard/34     Multicard Reader Ports   Ports     PCIe Mini Card Intel 1000   Gobi™ 2000   Gobi™ 2000     Gobi™ 2000   Carrier   Modem   None     Carrier   Modem   Modem   None     Carrier   Modem   Modem   None     Carrier   Modem   None   Carrier   Modem   None     Carrier   Modem   None   Carrier   Modem   None     Carrier   Modem   None   Carrier   Modem   None     Carrier   Modem   None   Carrier   Modem   None     Carrier   Modem   None   Carrier   Modem   None   Carrier   None     Carrier   Modem   None   Carrier   Modem   None   Carrier   None   Carrier   None     Carrier   Modem   None   Carrier   None   Carrier   None   Carrier   None   Carrier   None   Carrier   None   Carrier   None   At signless   Carrier   None   At signless   Carrier   None   Carrier   None   At signless   Carrier   At signless   Carrier   None   At signless   Carrier   At signless   Carrier   None   At signless   Carrier   None   At signless   Carrier   None   At signless   Carrier   At signless   Carri	TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar¹³ UltraNav™,	
Weight² Case color Matte black (top), glossy black (top), or glossy red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium lon 4-cell or 6-cell Battery - life¹⁰ Chipset ExpressCard/34 Multicard Reader Ports  PCIe Mini Card Intel 1000 Gobi™ 2000 Gobi™ 2000 Gobi™ 2000 Carrier Modem Meight²  4-cell: from 4.72 lb (2.14kg); 6-cell: from 4.9 lb (2.22kg); 9-cell: from 5.29 lb (2.40kg) Matte black (top), glossy black (top), or glossy red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium lon 4-cell or 6-cell 4-cell: up to 2.9 hr; 6-cell: up to 4.5 hr  Mobile Intel HM55 Express Chipset One ExpressCard/34 Multicard Reader Ports  Two PCI Express Mini Card slots 11b/g/n wireless⁴, PCle Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2 Some: Wireless WAN, Qualcomm chipset, PCle Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS, contract required with service provider Modem Modem Modem Modem Modem Modem Modem Modem Modem Moder  Carrier Modem			Supports ThinkVantage® technologies
Chipset ExpressCard/34 Multicard Reader Ports  Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  PCIe Mini Card Intel 1000 Gobi™ 2000 Gobi™ 2000 Carrier Modem Modelm M	Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup>	4-cell: from 4.72 lb (2.14kg); 6-cell: from 4.9 lb (2.22kg); 9-cell: from 5.29 lb (2.40kg) Matte black (top), glossy black (top), or glossy red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 4-cell or 6-cell	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service¹7
PCIe Mini Card Intel 1000 Gobi™ 2000 Carrier Carrier Modem	ExpressCard/34 Multicard Reader	One ExpressCard/34 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port,	during the warranty period12
GPRS/WCDMA/HSPA, GPS, contract required with service provider  Carrier Some: AT&T®, contract required with service provider None None Representation of the provider of the pr	Intel 1000	Two PCI Express Mini Card slots 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2	ThinkPlus 2-year LOR 9x5 NBD 45K5969
	Carrier Modem	GPRS/WCDMA/HSPA, GPS, contract required with service provider Some: AT&T®, contract required with service provider None	45K5970 ThinkPlus 4-year LOR 9x5 NBD
Ethernet Realtek® RTL8111DL Gigabit Network Connection 45K5971 Intel AMT None ThinkPlus 3-year P&L P/U Depot	Intel AMT	None	ThinkPlus 2-year P&L P/U Depot 45K5971
Audio support High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack Security  High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole  ThinkPlus 4-year P&L P/U Depot 45K5974	Security	mono digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	45K5972 ThinkPlus 4-year P&L P/U Depot
Security chip None Fingerprint reader Some: UPEK Fingerprint reader on palm rest, swipe sensor  Post-warranty annual maintenance agreements at			Post-warranty annual maintenance
Limited warranty <sup>12</sup> 1-year - depot repair service / service upgrades <sup>22</sup> available lenovo.com/thinkplus/warranty			

Type-model	Processor	GHz	Max turbo (GHz)		Wide- screen display	Screen type	Disk SATA GB <sup>®</sup> rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Carrier	Top color	Finger print reader	Blue-	Preload	Avail date
0578-N6U 0578-N8U						,	320G 7200 250G 5400				Matte black Matte black	_	Blue		Jan 11 Jan 11
							320G 7200				Matte black				
0578-P4U 0578-Q2U 0578-QLU	i3-380M	2.53		2GB		,	320G 7200 250G 5400 250G 5400	11b/g/n	Gobi 2000		Glossy black Matte black Matte black	_	Blue	Pro 64	Jan 11 Jan 11 Jan 11

- These small and medium business (SMB) models are part of the US TopSeller™ Program
   These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3 processor i3-380M or i3-390M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology; 3MB cache or Intel Core i5 processor i5-480M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology; 3MB cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Professional 64 Preloaded applications¹⁴ (only some listed) ■ Rescue and Recovery™ ■ Access Connections™
Memory	<b>2GB</b> or <b>4GB</b> std / 8GB max <sup>7</sup> / PC3-8500 1066MHz <b>DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; standard memory in one socket; one socket available	Password Manager     ThinkVantage Power Manager     ThinkVantage System Update     ThinkVantage Toolbox
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in <b>250GB</b> <sup>8</sup> (5400 rpm) or <b>320GB</b> (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™	<ul> <li>Norton™ Internet Security 2011 (30 days of virus definitions)</li> <li>Adobe® Reader®</li> <li>Adobe Flash® Player</li> </ul>
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 14.0" (355mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	<ul> <li>Skype™ for Windows</li> <li>Microsoft Office 2010 preloaded; purchase product key to activate</li> <li>Microsoft Research AutoCollage Touch</li> </ul>
Integrated graphics	Camera on top of screen, 2.0-megapixel, fixed focus  Intel HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display;	
Keyboard TrackPoint® Touch pad ThinkLight™	Max external resolution: 2048x1536@75Hz; 1920x1080 (HDMI port)  6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch None	
Dimensions <sup>3</sup> Weight <sup>2</sup>	14.0W" (WxDxH): 13.54" x 9.17" x 1.25-1.46"; 344 x 233mm x 31.8-37.0mm 4-cell: from 4.72 lb (2.14kg); 6-cell: from 4.9 lb (2.22kg); 9-cell: from 5.29 lb (2.40kg)	Supports ThinkVantage® technologies
Case color  Case material  Battery - type <sup>37</sup> Battery - life <sup>10</sup>	Matte black (top) or glossy black (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 4-cell: up to 2.9 hr; 6-cell: up to 4.5 hr	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Chipset ExpressCard/34 Multicard Reader Ports	Mobile Intel HM55 Express Chipset One ExpressCard/34 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup> via 800-426-7378
PCIe Mini Card 11b/g/n Intel 1000 Gobi™ 2000	Two PCI Express Mini Card slots  Some: 11b/g/n wireless <sup>4</sup> , ThinkPad 11b/g/n, PCIe Half Mini Card  Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2  Some: Wireless WAN, Qualcomm chipset, PCIe Mini Card, EV-DO Rev. A,  GPRS/WCDMA/HSPA, GPS, contract required with service provider	ThinkPlus <sup>TM. 22</sup> 1-year LOR <sup>24</sup> 9x5 NBD 45K5968 ThinkPlus 2-year LOR 9x5 NBD 45K5969 ThinkPlus 3-year LOR 9x5 NBD
Carrier Modem	Some: AT&T®, contract required with service provider None	45K5970 ThinkPlus 4-year LOR 9x5 NBD 45K5973
Bluetooth™ Ethernet	Some: Bluetooth 2.1 wireless Realtek® RTL8111DL Gigabit Network Connection	ThinkPlus 2-year P&L P/U Depot 45K5971
Intel AMT Audio support	None High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/	ThinkPlus 3-year P&L P/U Depot 45K5972
Security Security chip	mono digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None	ThinkPlus 4-year P&L P/U Depot 45K5974
Fingerprint reade	r Some: UPEK Fingerprint reader on palm rest, swipe sensor  2 1-year - depot repair service / service upgrades <sup>22</sup> available	Post-warranty annual maintenance agreements at
Littine warranty"	1-year - depot repair service / service apgrades available	lenovo.com/thinkplus/warranty

Type-model	Processor	GHz	Memory	Wide- screen display	Camera	Disk SATA GB <sup>®</sup> rpm	PCle Mini Card 802.11	PCIe Mini Card WWAN		Top color	Finger print reader	Blue- tooth	Preload	Ann date (mm/yy)
0579-22U	i3-370M	2.40	2GB	14.0" HD	2.0M	250G 5400	TP 11b/g/n	None	None	Matte black	None	None	Pro 64	05/11
0579-66U	i5-540M	2.53	2GBx2	14.0" HD	0.3M	500G 5400	TP 11b/g/n	None	None	Black textured	None	None	Pro 64	12/11
0579-54U	P6200	2.13	2GBx2	14.0" HD	0.3M	500G 5400	TP 11b/g/n	None	None	Black textured	None	None	Prem 64	12/11
0579-53U	i3-380M	2.53	2GB	14.0" HD	0.3M	320G 7200	TP 11b/g/n	None	None	Black textured	None	None	Pro 64	12/11
0579-6AU	i3-380M	2.53	2GB	14.0" HD	0.3M	320G 5400	TP 11b/g/n	None	None	Black textured	None	None	Pro 64	02/12

- This small and medium business (SMB) model is part of the US TopSeller™ Program
   This system is Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Pentium® processor P6200 with dual-core,  DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz),  3MB cache or  Intel® Core™ i3 processor i3-370M or i3-380M with dual-core,  DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz),  Hyper-Threading technology; 3MB cache or  Intel Core i5 processor i5-540M with dual-core,  DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz),  Intel Turbo Boost (3.06GHz), Hyper-Threading technology; 3MB cache	Preloaded operating system <sup>20</sup> - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64  Preloaded applications¹⁴ (only some listed) ■ Rescue and Recovery™ ■ Access Connections™ ■ Password Manager
Memory	8GB max <sup>7</sup> / PC3-8500 1066MHz <b>DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; standard memory in both sockets; no sockets available; standard memory in one socket; one socket available	ThinkVantage Power Manager     ThinkVantage System Update     ThinkVantage Toolbox     Norton™ Internet Security 2011
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™	(30 days of virus definitions)  • Adobe® Reader®  • Adobe Flash® Player
Widescreen display Camera	<b>14.0"</b> (355mm) <b>HD (1366x768) color</b> , anti-glare, <b>LED backlight</b> , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 0.3 or 2.0-megapixel, fixed focus	Skype™ for Windows     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™ (supporting HDCP to output protected content); supports dual independent display; Max external resolution: 2048x1536@75Hz; 1920x1080 (HDMI port)	
Keyboard TrackPoint® Touch pad ThinkLight™	6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch None	
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup>	14.0W" (WxDxH): 13.54" x 9.17" x 1.25-1.46"; 344 x 233mm x 31.8-37.0mm 4-cell: from 4.72 lb (2.14kg); 6-cell: from 4.9 lb (2.22kg); 9-cell: from 5.29 lb (2.40kg) Matte black or Black textured (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium lon 6-cell 4-cell (32Whr): up to 2.9 hr; 6-cell (48Whr): up to 4.5 hr	Supports ThinkVantage® technologies 65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Chipset ExpressCard/34	Mobile Intel HM55 Express Chipset One ExpressCard/34 7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port,	International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup> 1-year Onsite Repair 9x5 NBD
PCIe Mini Card 11b/g/n WWAN upg Modem Bluetooth™ Ethernet Intel AMT Audio support Security Security chip Fingerprint reade		45K5968 2-year Onsite Repair 9x5 NBD 45K5969 3-year Onsite Repair 9x5 NBD 45K5970 4-year Onsite Repair 9x5 NBD 45K5970 4-year Onsite Repair 9x5 NBD 45K5971 3-year Depot Repair 45K5971 3-year Depot Repair 45K5972 4-year Depot Repair 45K5974 Post-warranty annual maintenance agreements at http://www.lenovo.com/services warranty/us/en/
Limited warranty <sup>1</sup>	<sup>2</sup> <b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available	index.html

See footnotes for important warranty information US model(s) announced May 10 or December 13, 2011; or February 28, 2012

US model(s) withdrawn effective June 2012

© Lenovo

(BER1-7) February 2013

Type-model	Proc- essor	GHz	Memory	Wide- screen display	Screen type	Camera	Disk SATA GB <sup>8</sup> rpm	PCle Mini Card 802.11	Top color	Finger print reader	Blue- tooth	Bat- tery cells	Preload	Avail date
0199-22U	P820	1.80	4GB	14.0" HD	Glossy	2.0M	320G 7200	11b/g/n	Glossy red	Finger	Blue	6	Pro 64	Jun 10
0199-23U	P520	2.30	4GB	14.0" HD	Glossy	0.3M	320G 5400	11b/g/n	Glossy black	ŭ		6	Home P 64	Jun 10
0199-24U	P320	2.10	2GB	14.0" HD	,		250G 5400	11b/g/n	Matte black			4	Home P 64	Jun 10
0199-27U	P320	2.10	2GB	14.0" HD		0.3M	250G 5400	11b/g/n	Matte black			6	Pro 64	Jul 10
0199-28U	P320	2.10	4GB	14.0" HD		2.0M	320G 7200	11b/g/n	Matte black	Finger	Blue	6	Pro 64	Jul 10
0199-29U	P520	2.30	2GB	14.0" HD		0.3M	250G 5400	11b/g/n	Matte black	•		6	Pro 64	Jul 10
0199-2AU	P520	2.30	4GB	14.0" HD		2.0M	320G 7200	11b/g/n	Matte black	Finger	Blue	6	Pro 64	Jul 10
0199-2BU	P820	1.80	2GB	14.0" HD		0.3M	250G 5400	11b/g/n	Matte black	•		6	Pro 64	Jul 10
0199-2CU	P820	1.80	4GB	14.0" HD		2.0M	320G 7200	11b/g/n	Matte black	Finger	Blue	6	Pro 64	Jul 10
0199-2DU	P820	1.80	4GB	14.0" HD		2.0M	500G 7200	11b/g/n	Matte black	Finger	Blue	6	Pro 64	Jul 10
0199-2EU	P820	1.80	4GB	14.0" HD	Glossy	2.0M	500G 7200	11b/g/n	Glossy black	Finger	Blue	6	Pro 64	Jul 10
0199-2FU	P820	1.80	4GB	14.0" HD	Glossy	2.0M	500G 7200	11b/g/n	Glossy red	Finger	Blue	6	Pro 64	Jul 10
0199-2GU	P520	2.30	4GB	14.0" HD	Glossy	2.0M	320G 7200	11b/g/n	Glossy red	Finger	Blue	6	Pro 64	Jul 10
0199-2HU	P520	2.30	2GB	14.0" HD		0.3M	320G 7200	11b/g/n	Matte black	•		6	Home P 64	Jul 10

- These small and medium business (SMB) models are part of the US TopSeller™ Program
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Docitionin	Combinational decima with available devability and article life. for CMD evaluation in the control of	5
Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles  AMD® Athlon™ II Dual-Core Mobile Processor P320 with dual-core, virtualization technology, integrated DDR3 memory controller, and 1MB L2 cache or  AMD Turion™ II Dual-Core Mobile Processor P520 with dual-core,	<ul> <li>Preloaded operating system<sup>20</sup></li> <li>Some: Genuine Windows® 7</li> <li>Home Premium 64</li> <li>Some: Genuine Windows 7</li> </ul>
	virtualization technology, integrated DDR3 memory controller, and 2MB L2 cache or <b>AMD Phenom™ II Triple-Core Mobile Processor P820</b> with <b>triple-core</b> , virtualization technology, integrated DDR3 memory controller, and 1.5MB L2 cache	Professional 64  Preloaded applications <sup>14</sup> (only some
Memory	2GB or 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; <i>Non-italics:</i> standard memory in one socket; one socket available	listed) • Rescue and Recovery™ • Access Connections™ • Password Manager • ThinkVantage Power Manager
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in <b>250GB</b> <sup>8</sup> (5400 rpm), <b>320GB</b> (5400 or 7200 rpm), or <b>500GB</b> (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™	<ul> <li>ThinkVantage System Update</li> <li>ThinkVantage Toolbox</li> <li>Norton™ Internet Security 2011 (30 days of virus definitions)</li> </ul>
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 14.0" (355mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	<ul> <li>Adobe® Reader®</li> <li>Adobe Flash® Player</li> <li>Skype™ for Windows</li> <li>Microsoft Office 2010 preloaded; purchase product key to activate</li> </ul>
Camera	Some: camera on top of screen, 0.3-megapixel or 2.0-megapixel, fixed focus	<ul> <li>Microsoft Research AutoCollage</li> </ul>
Integrated graphics	ATI™ Radeon™ HD 4250 graphics, in RS880M, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; Max external resolution: 2456x1536@60Hz	Touch
Keyboard TrackPoint® Touch pad	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar¹³ UltraNav™,	Supports ThinkVantage® technologies
	wide touch pad below keyboard, Tap Zones, multi-touch None	65-watt AC adapter EPEAT™ Gold rating
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color	14.0W" (WxDxH): 13.54" x 9.17" x 1.25-1.46"; 344 x 233mm x 31.8-37.0mm 4-cell: from 4.78 lb (2.17kg); 6-cell: from 4.96 lb (2.25kg); 9-cell: from 5.36 lb (2.43kg) Matte black (top), glossy black (top), or glossy red (top), trimmed with a thin silver band (side); black bottom	ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support
Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup>	Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion <b>4-cell</b> or <b>6-cell</b> <i>4-cell:</i> up to 2.6 hr; <i>6-cell:</i> up to 4 hr; <i>9-cell:</i> up to 6 hr	during the warranty period <sup>12</sup> via 800-426-7378
Chipset ExpressCard/34	AMD RS880M Chipset, SB820M south bridge One ExpressCard/34	ThinkPlus™.22 1-year LOR24 9x5 NBD 45K5968
	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port,	ThinkPlus 2-year LOR 9x5 NBD 45K5969
	external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	ThinkPlus 3-year LOR 9x5 NBD 45K5970
PCIe Mini Card 11b/g/n	One PCI Express Half Mini Card slot 11b/g/n wireless <sup>4</sup> , ThinkPad 11b/g/n, PCIe Half Mini Card	ThinkPlus 4-year LOR 9x5 NBD 45K5973
Modem Bluetooth™	None Some: Bluetooth 2.1 wireless	ThinkPlus 2-year P&L P/U Depot 45K5971
Ethernet Audio support	Realtek® RTL8111DL Gigabit Network Connection High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/	ThinkPlus 3-year P&L P/U Depot 45K5972
Security Security chip	mono digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None	ThinkPlus 4-year P&L P/U Depot 45K5974
	Some: UPEK Fingerprint reader on palm rest, swipe sensor	Post-warranty annual maintenance agreements at
Limited warranty <sup>12</sup>	2 1-year - depot repair service / service upgrades <sup>22</sup> available	lenovo.com/thinkplus/warranty
0 ( ) ( )	and a should be a supposed by the form and the supposed by the	

## ThinkPad® Edge 14" 0199 (AMD) - TopSeller (Win 7) - Oct 2010 - withdrawn Personal Systems Reference (PSREF)

Type-model	Processo	r GHz	Memory	Wide- screen display	Screen type	Camera	Disk SATA GB <sup>®</sup> rpm	PCIe Mini Card 802.11	Top color	Finger print reader	Blue- tooth	Bat- tery cells	Preload	Avail date
0199-4GU	P340	2.20	2GB	14.0" HD		0.3M	320G 7200	11b/g/n	Matte black	None	None	6	Pro 64	Sep 10
0199-4HU	P340	2.20	2GB	14.0" HD		0.3M	320G 7200	11b/g/n	Glossy red	None	None	6	Pro 64	Sep 10
0199-4JU	P540	2.40	2GB	14.0" HD		0.3M	320G 7200	11b/g/n	Matte black	None	None	6	Pro 64	Sep 10
0199-6PU	P560	2.50	2GB	14.0" HD	Glossy	0.3M	320G 7200	11b/g/n	Matte black	None	None	6	Pro 64	Mar 11
0199-6QU	P360	2.30	2GB	14.0" HD	Glossy	0.3M	320G 7200	11b/g/n	Matte black	None	None	6	Pro 64	Mar 11

- These small and medium business (SMB) models are part of the US TopSeller™ Program
   These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor  Sophisticated design with quality, durability and reliability for SMB customers; two spindles  AMD® Athlon™ II Dual-Core Mobile Processor P340 or P360 with dual-core, virtualization technology, integrated DDR3 memory controller, and 1MB L2 cache or AMD Turion™ II Dual-Core Mobile Processor P540 or P560 with dual-core, virtualization technology, integrated DDR3 memory controller, and 2MB L2 cache	Preloaded operating system <sup>20</sup> - Genuine Windows® 7 Professional 64  Preloaded applications <sup>14</sup> (only some	
Memory  2GB std / 8GB max <sup>7</sup> / PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; Non-italics: standard memory in one socket; one socket available	listed)  ■ Rescue and Recovery™  ■ Access Connections™  ■ Password Manager	
SATA DVD±RW SATA disk  DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in  320GB <sup>8</sup> (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, Active Protection System™	<ul> <li>ThinkVantage Power Manager</li> <li>ThinkVantage System Update</li> <li>ThinkVantage Toolbox</li> <li>Adobe® Reader®</li> </ul>	
Widescreen display  Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio  Some: 14.0" (355mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	<ul> <li>Adobe Flash® Player</li> <li>Skype™ for Windows</li> <li>Microsoft Office 2010 preloaded; purchase product key to activate</li> <li>Microsoft Research AutoCollage</li> </ul>	
Camera Camera on top of screen, 0.3-megapixel, fixed focus  Integrated graphics  ATI™ Radeon™ HD 4250 graphics, in RS880M, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display;  Max external resolution: 2456x1536@60Hz	Touch	
Keyboard 6-row, spill-resistant, multimedia Fn keys TrackPoint® TrackPoint® pointing device, Internet Scroll Bar¹³ Touch pad UltraNav™, wide touch pad below keyboard, Tap Zones, multi-touch	Supports ThinkVantage® technologies  65-watt AC adapter EPEAT™ Gold rating	
ThinkLight™ None  Dimensions³ Weight² Case color Case material Battery - type³³  None  14.0W" (WxDxH): 13.54" x 9.17" x 1.25-1.46"; 344 x 233mm x 31.8-37.0mm 4-cell: from 4.78 lb (2.17kg); 6-cell: from 4.96 lb (2.25kg); 9-cell: from 5.36 lb (2.43kg) Matte black (top) or glossy red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell	ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup> via 800-426-7378	
Battery - life <sup>10</sup> Chipset  ExpressCard/34  Multicard Reader Ports  AMD RS880M Chipset, SB820M south bridge One ExpressCard/34  7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H) Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	ThinkPlus <sup>TM, 22</sup> 1-year LOR <sup>24</sup> 9x5 NBD 45K5968 ThinkPlus 2-year LOR 9x5 NBD 45K5969 ThinkPlus 3-year LOR 9x5 NBD	
PCIe Mini Card 11b/g/n Modem Bluetooth™ Ethernet Audio support Audio support Security  PCIe Mini Card 11b/g/n, PCIe Half Mini Card slot 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 None Realtek® RTL8111DL Gigabit Network Connection High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 1.5 watt x 2/ mono digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	45K5970 ThinkPlus 4-year LOR 9x5 NBD 45K5973 ThinkPlus 2-year P&L P/U Depot 45K5971 ThinkPlus 3-year P&L P/U Depot 45K5972 ThinkPlus 4-year P&L P/U Depot 45K5974	
Security chip None Fingerprint reader None Limited warranty <sup>12</sup> 1-year - depot repair service / service upgrades <sup>22</sup> available	Post-warranty annual maintenance agreements at lenovo.com/thinkplus/warranty	

See footnotes for important warranty information US models announced September 28, 2010 or March 1, 2011 US models withdrawn effective April or October 2011

## ThinkPad® Edge 14" Accessories

<b>J</b>			
Memory 2GB PC3-10600 DDR3 L-H SODIMM 2GB PC3-10600 DDR3 L-H SODIMM (25Pack 4GB PC3-10600 DDR3 L-H SODIMM	55Y3710 ann 03/02/10 )57Y4416 ann 03/02/10 55Y3711 ann 03/02/10	ThinkPad 65W AC Adapter <sup>45</sup> <sup>45</sup> Only compatible with the integrated graph ThinkPad 90W AC Adapter 90W Ultraslim AC/DC Combo Adapter	40Y7696 ann 01/05/06 nics models. 40Y7659 ann 09/20/05 41R4493 ann 09/22/09
Storage and removable storage USB 2.0 Portable 320GB Hard Disk USB 2.0 Portable 500GB Hard Disk USB 2.0 Portable Secure 320GB Hard Disk USB 3.0 Secure 500GB Hard Drive USB 3.0 Secure 750GB Hard Drive USB 3.0 Secure 1TB Hard Drive Lenovo Slim USB Portable DVD Burner	45K1689 ann 03/17/09 45K1690 ann 05/26/09 43R2019 ann 11/18/08 0A65619 ann 11/29/11 0A65616 ann 11/29/11 0A63621 ann 08/28/12 0A33988 ann 06/14/11	More info at www.lenovo.com/support/pov Charging tips for 90W Ultraslim AC/DC Com iPod and iPhone Charge Tip (L10a) Generic Micro USB charge tip (L18) More information at www.lenovopowertips.	veradapters abo Adapter 41R4493 41R4481 ann 12/18/07 41R4490 ann 01/06/09
ThinkPad Expansion Lenovo® Essential Notebook Stand USB 2.0 Port Replicator with Digital Video	45J9292 ann 05/12/09 0A33942 ann 03/22/11	Carrying Cases Up to 14" widescreen models: ThinkPad 14W Case Sleeve Up to 15.6" widescreen models:	57Y4294 ann 03/16/10
Keyboard TrackPoint Cap Collection Ultraslim Plus Wireless Keyboard and Mouse <sup>52</sup> USB Numeric Keypad Preferred Pro USB Keyboard Enhanced Performance USB Keyboard Lenovo Mini Wireless Keyboard N5901 <sup>52</sup> (blk) <sup>52</sup> Wireless via 2.4GHz technology using a mir ThinkPad USB Keyboard with TrackPoint Lenovo USB Fingerprint Keyboard Lenovo USB Smartcard Keyboard	33L3225 ann 05/01/00 73P5220 ann 06/21/05 73P2620 ann 03/23/04 57Y6336	Lenovo Messenger Max Lenovo Performance BackPack ThinkPad Business Topload Case ThinkPad Business Backpack ThinkPad Deluxe Expander Case ThinkPad Executive Leather Case Lenovo Sport Backpack - Red Lenovo Sport Slimcase - Red Lenovo Sport Messenger - Red Lenovo Sport Backpack - Blue Lenovo Sport Slimcase - Blue	41U5253 ann 05/01/07 41U5254 ann 05/01/07 43R2476 ann 05/13/08 43R2482 ann 05/13/08 43R2480 ann 05/13/08 0A33896 ann 02/28/12 0A33897 ann 02/28/12 0B47298 ann 08/28/12 0B47300 ann 08/28/12
Mouse ThinkPad Bluetooth Laser Mouse Lenovo Optical Mouse (USB) Lenovo Laser Mouse (USB) ThinkPad USB Laser Mouse	0A36407 ann 06/26/12 06P4069 ann 05/21/03 41U3074 ann 01/23/07 57Y4635 ann 12/15/09	Lenovo Sport Messenger - Blue Lenovo Sport Backpack - Grey Lenovo Sport Slimcase - Grey Lenovo Sport Messenger - Grey More information at www.lenovo.com/supp	0B47299
Lenovo ScrollPoint® Mouse (USB, Optical) ThinkPad Travel Mouse (USB, Optical) Lenovo Wireless Laser Mouse <sup>52</sup> <sup>52</sup> Wireless via 2.4GHz technology using a mi	31P7405 ann 08/27/02 31P7410 ann 06/04/02 0A36188 ann 12/20/11	Monitors ThinkVision® L1711p 17" (VGA, DVI-D) ThinkVision L1900p 19" (VGA, DVI-D) ThinkVision L11952p Wide 19" (VGA, DP, DVI-D)® ThinkVision L2250p Wide 22" (VGA, DVI-D) ThinkVision L2251x Wide 22" (VGA, DP)	5047HB2 ann 10/20/09 4431HE1 ann 11//11/08 92448MB6 ann 09/13/11 2572HB6 ann 10/20/09 2578HB6 ann 10/20/09
3M 14.0W Privacy Filter from Lenovo Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock USB Gemplus GemPC Smart Card Reader	0A61769 ann 04/05/11 73P2582 ann 12/29/03 45K1620 ann 09/30/08 57Y4303 ann 08/24/10 41N3040 ann 02/21/06	ThinkVision LT2252p Wide 22 <sup>a</sup> (VGA, DP, DVI-D) <sup>a</sup> ThinkVision LT2452p Wide 24 <sup>a</sup> (VGA, DP, DVI-D) <sup>a</sup> DisplayPort cable is not included. ThinkVision LT1421 Wide 14 <sup>a</sup> Mobile Monitor with Protective Screen Cover (USB 2.0)	<sup>9</sup> 2572MB6 ann 09/13/11 <sup>9</sup> 4420MB2 ann 09/13/11 1452DS6 ann 08/16/11
Multimedia ThinkPad In-Ear Headphones with mic Lenovo Mini Speakers M220	57Y4488 ann 01/07/10 55Y2033 ann 01/07/10		
Lenovo Headphone P550  Modem USB 2.0 Lenovo Modem	55Y2065 43R1814 ann 02/26/08	Monitor Accessories <sup>46</sup> Lenovo USB Soundbar Lenovo HDMI to HDMI Monitor Cable Lenovo HDMI to VGA Monitor Cable	0A36190 ann 05/01/12 0B47070 ann 05/22/12 0B47069 ann 06/26/12
Batteries <sup>37</sup> ThinkPad Battery 25 (4-cell) ThinkPad Battery 25+ (6-cell) ThinkPad Battery 25++ (9-cell) ThinkPad External Battery Charger <sup>44</sup> <sup>44</sup> Requires the <i>ThinkPad 90W AC Adapter</i>	51J0498 ann 10/22/09 51J0499 ann 10/22/09 51J0500 ann 10/22/09 40Y7625 ann 09/20/05	Lenovo USB-to-DVI Monitor Adapter Kensington MicroSaver Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock Lenovo Easy Reach Monitor Stand  46 Compatible on selected Lenovo and Thin More information at www.lenovo.com/supp	45K5296 ann 05/12/09 73P2582 ann 12/29/03 45K1620 ann 09/30/08 57Y4303 ann 08/24/10 55Y9258 ann 09/22/09 kVision monitors.
40Y7659 or the adapter provided with the system.  More information at www.lenovo.com/alldaycomputing		For more information on accessories:  www.lenovo.com/accessories	
		Purchase Lenovo accessories www.lenovo.com/support/accessories	
		Product specifications on Lenovo Support  www.lenovo.com/accessoriesguide  Option Compatibility Matrix (OCM) and accessory brochures	
		www.lenovoquickpick.com An Options Compatibility Configurator for Lenovo systems	