

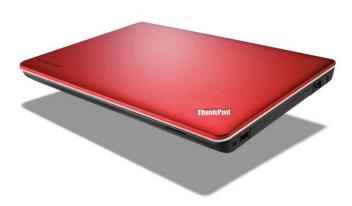
Product Specifications Reference Lenovo® ThinkPad® S/E Notebooks 2013 to present - withdrawn

January 2014 - Version 449



ThinkPad Edge E530

ThinkPad_®



Lenovo® ThinkPad Edge E430



Lenovo ThinkPad Edge E430



Lenovo ThinkPad Edge E430



Lenovo ThinkPad Edge E430



Lenovo ThinkPad Edge E430c



Lenovo ThinkPad Edge E430

Type-model	Processor	Memory	Wide- screen display	Camera	Dis SAT GB [®] r	Ά	PCIe PC Mini Card WLAN / BT	le Mini C WWAN /mSATA		Top color	Finger print reader	tery	Preload	Ann date (mm/yy
3254-DNU	i3-2350M	4GBx1	14.0" HD	720p	320G 7	7200	Intel 2230 + BT	None	None	Black aluminum	Finger	6	Pro 64	04/12
3254-AHU	i5-2450M	4+2GB	14.0" HD Glos	720p	500G 5	5400	TP 11b/g/n + BT	None	None	Matte black	Finger	6	Prem 64	04/12
3254-AGU	i3-2350M	4+2GB	14.0" HD Glos	720p	500G 5	5400	TP 11b/g/n + BT	None	None	Matte black	Finger	6	Prem 64	04/12
3254-AFU	i3-2350M	2GBx1	14.0" HD Glos	720p	320G 5	5400	TP 11b/g/n	None	None	Matte black		6	Prem 64	04/12
3254-AEU	i5-2450M	4GBx1	14.0" HD	720p	500G 7	7200	Intel 2230 + BT	None	None	Matte black	Finger	6	Pro 64	04/12
3254-ADU	i3-2350M	4GBx1	14.0" HD	720p	500G 7	7200	Intel 2230 + BT	None	None	Matte black	Finger	6	Pro 64	04/12
3254-ACU	i3-2350M	4GBx1	14.0" HD	720p	320G 7	7200	TP 11b/g/n	None	None	Matte black	•	6	Pro 64	04/12
3254-AMU	i5-2450M	4GBx1	14.0" HD	720p	500G 7	7200	Intel 2230 + BT	16GB	None	Black aluminum	Finger	6	Pro 64	04/12
3254-ALU	i3-2350M	4GBx1	14.0" HD	720p	500G 7	7200	Intel 2230 + BT	None	None	Black aluminum	Finger	6	Pro 64	04/12
3254-HJU	i5-2450M	4GBx1	14.0" HD	720p	500G 7	7200	Intel 2230 + BT	None	None	Black aluminum	Finger	6	Pro 64	05/12
						<u> </u>	B) model(s), part of							
Positioning Processor Processor Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-2350M processor (dual-core, 2.30GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), HT technology Intel Core i5-2450M processor (dual-core, 2.50GHz, 3MB Cache),											e: Genu Home	iine V e Pre	ig system Vindows® mium 64 Vindows 7	7
	DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology											ssior	nal 64	
Momory	1001	D 7 / E	000 10000 1000											

Processor	Intel® Core™ i3-2350M processor (dual-core, 2.30GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), HT technology Intel Core i5-2450M processor (dual-core, 2.50GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology	- Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	Ready to install applications ¹⁴ (only some listed) One Key Recovery Pro
Optical SATA disk mSATA™ SSD	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot	Preloaded applications¹⁴ (only some listed) • Access Connections™ • TrueSuite Fingerprint Software
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 14.0" (355mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	(includes password manager function) • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Tools
Graphics	Intel HD Graphics 3000 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 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz	Lenovo SimpleTap Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader® Skype™ for Windows Corel® WinDVD® (DVD±RW)
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Dimensions ³	Matte black or Matte red (top): 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33"; 339.4 x 234mm x 28.5-33.9mm Black aluminum (top): 14.0W" (WxDxH): 13.36" x 9.21" x 1.08-1.29"; 339.4 x 234mm x 27.4-32.8mm	
Weight ² Case color Case material	6-cell: from 4.74 lb (2.15kg) Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Some: Black aluminum (top); black bottom Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Black aluminum (top): Aluminum	
Battery - type ³⁷ Battery - life ¹⁰	Lithium Ion 6-cell 6-cell (48Whr): up to 6.4 hr	
Chipset ExpressCard Multicard Reader Ports	Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card WLAN ⁴	Two PCI Express Mini Card slots Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1	Supports ThinkVantage® technologies
WWAN	Wi-Fi + Bluetooth combo adapter, 1x1 Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 None	65-watt AC adapter EPEAT™ Gold rating
Modem Bluetooth™ Ethernet Audio support	None Some: Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack	ENERGY STAR® 5.Ö-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole None **Some: UPEK Fingerprint reader on palm rest, swipe sensor	For compatible accessories, please go to O-E430 sheet;
	² 1-year - depot repair service / service upgrades ²² available	For Lenovo ²² service upgrade options, please go to S-EDGE sheet

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCIe F Mini Card WLAN / BT	PCIe Mini C WWAN /mSATA	ard Top color	print	Bat- tery cells	tery	Preload	Ann date (mm/yy)
3254-HKU	i7-3612QM	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Black aluminum	Finger	6	62	Pro 64	05/12
3254-GLU	i5-3210M	4+2GB	14.0" HD Glos	720p	750G 5400	Intel 2230 + BT	None	Black aluminum	Finger	6	48	Pro 64	06/12
3254-GKU	i5-3210M	4+2GB	14.0" HD Glos	720p	500G 7200	Intel 2230 + BT	None	Black aluminum	Finger	6	48	Pro 64	06/12
3254-GJU	i5-3210M	4GBx1	14.0" HD Glos	720p	500G 7200	Intel 2230 + BT	None	Black aluminum	Finger	6	48	Prem 64	06/12
3254-AKU	i5-3210M	4+2GB	14.0" HD Glos	720p	500G 5400	TP 11b/g/n + B	T None	Matte black	Finger	6	48	Prem 64	06/12
3254-AJU	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Pro 64	06/12
3254-ANU	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Black aluminum	Finger	6	48	Pro 64	06/12
3254-LWU	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	16GB	Black aluminum	Finger	6	62	Pro 64	06/12
3254-HMU	i3-3110M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Black aluminum	Finger	6	48	Pro 64	06/12
3254-HLU	i3-3110M	4GBx1	14.0" HD	720p	320G 7200	TP 11b/g/n	None	Matte black	None	6	48	Pro 64	06/12
3254-TNU	i3-3110M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Pro 64	07/12

 \bullet Small and medium business (SMB) model(s), part of the US TopSeller $^{\text{\tiny TM}}$ Program

	• Small and medium business (SMB) model(S), part of the 03 TopSeller - Prog	ram						
Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-3110M processor (dual-core, 2.40GHz, 3MB Cache), DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-3210M processor (dual-core, 2.50GHz, 3MB Cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i7-3612QM processor (quad-core, 2.10GHz, 6MB Cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology	Preloaded operating system ²⁰ - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64 Ready to install applications ¹⁴ (only						
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	some listed) One Key Recovery Pro						
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™	Preloaded applications¹⁴ (only sollisted) • Access Connections™ • TrueSuite Fingerprint Software						
mSATA™ SSD	Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot	(includes password manager						
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 14.0" (355mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio	function) ThinkVantage System Update ThinkVantage Power Manager ThinkVantage Tools						
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	 Lenovo SimpleTap Norton™ Internet Security 2012 						
Graphics	Intel HD Graphics 4000 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 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz	(30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition						
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	(DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)						
Dimensions ³	Matte black or Matte red (top): 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33"; 339.4 x 234mm x 28.5-33.9mm Black aluminum (top): 14.0W" (WxDxH): 13.36" x 9.21" x 1.08-1.29";							
	339.4 x 234mm x 27.4-32.8mm							
Weight ² Case color	6-cell: from 4.74 lb (2.15kg) Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Some: Black aluminum (top); black bottom							
Case material	Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Black aluminum (top): Aluminum							
Battery - type ³⁷ Battery - life ¹⁰	Lithium Ion 6-cell 6-cell (48Whr): up to 6.4 hr 6-cell (62Whr): up to 8.4 hr							
Chipset ExpressCard	Mobile Intel HM77 Express Chipset None							
	4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)							
PCIe Mini Card WLAN ⁴	Two PCI Express Mini Card slots Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n,	Supports ThinkVantage® technologies						
	Wi-Fi + Bluetooth combo adapter, 1x1 Some: 11b/g/n, PCle Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	65-watt AC adapter						
WWAN	None	EPEAT™ Gold rating ENERGY STAR® 5.0-compliant						
Modem Bluetooth™	None Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card	RoHS-compliant						
Ethernet Audio support	Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/	International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²						
Security Security chip	Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None	For compatible accessories, please go to O-E430 sheet;						
	Some: UPEK Fingerprint reader on palm rest, swipe sensor	For Lenovo ²² service upgrade						
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available	options, please go to S-EDGE sheet						

ThinkPad® Edge E430 3254 (Intel) - TopSeller (Windows 8) - withdrawn Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCIe Mini Card WLAN / BT	PCIe Mini C WWAN /mSATA		Finger print reader	tery	tery	Preload	Ann date (mm/yy)
3254-T3U	i3-3110M	4GBx1	14.0" HD Glos	720p	500G 7200	Intel 2230 + BT	None	Black alum	Finger	6	48	Win8 Pro64	10/12
3254-T2U	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win8 Pro64	10/12
3254-T1U	i3-3110M	4GBx1	14.0" HD	720p	320G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win8 Pro64	10/12
3254-TQU	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win8 64	10/12
3254-TPU	i3-3110M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win8 64	10/12
3254-TMU	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	16GB	Black alum	Finger	6	62	Win8 Pro64	10/12

• Small and medium business (SMB) model(s), part of the US TopSeller™ Program

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-3110M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology	Preloaded operating system ²⁰ - Some: Windows® 8 64-bit - Some: Windows 8 Pro 64-bit Preloaded applications ¹⁴ (only some
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	listed) Lenovo Support Lenovo Companion
Optical SATA disk mSATA™ SSD	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot	Lenovo Cloud Storage Password Manager Fingerprint Software (fingerprint models)
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 14.0" (355mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	ThinkVantage System Update Norton™ Internet Security (30 days of virus definitions) Microsoft Office preloaded; purchase a product key to activate Skype™
Graphics	Intel HD Graphics 4000 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 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz	. ● Зкуре
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	
Dimensions ³	Matte black or Matte red (top): 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33"; 339.4 x 234mm x 28.5-33.9mm Black aluminum (top): 14.0W" (WxDxH): 13.36" x 9.21" x 1.08-1.29"; 339.4 x 234mm x 27.4-32.8mm	
Weight ² Case color	6-cell: from 4.74 lb (2.15kg) Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Some: Black aluminum (top); black bottom	
Case material Battery - type ³⁷	Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Black aluminum (top): Aluminum Lithium Ion 6-cell	
Battery - life ¹⁰	6-cell (48Whr): up to 6.4 hr 6-cell (62Whr): up to 8.4 hr	
Chipset ExpressCard Multicard Reader Ports	Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card WLAN ⁴	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230,	Supports ThinkVantage® technologies
WWAN Modem Bluetooth™ Ethernet Audio support	None Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service¹ 24 hour x 7 day¹8 toll-free support during the warranty period¹²
Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole None	For compatible accessories, please go to O-E430 sheet;
	UPEK Fingerprint reader on palm rest, swipe sensor 1-year - depot repair service / service upgrades ²² available	For Lenovo ²² service upgrade options, please go to S-EDGE sheet

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Type-model Pro	cessor	Memory	Wide- screen display	Camera	Dis SA GB ⁸	TA	PCIe Mini Card WLAN / BT	,	e Mini Ca WWAN mSATA	rd Top color	Finger print reader	tery	tery	Preload	Ann date (mm/yy)
	120M	4GBx1	14.0" HD		500G		Intel 2230 + B		None	Matte black	Finger		48	Win8 64	10/12
	120M	4GBx1	14.0" HD		320G		Intel 2230 + B		None	Matte black	Finger		48	Win8 Pro64	
6271-5KU i3-3	120M	4GBx1	14.0" HD Glos	- 1	500G	7200	Intel 2230 + B	ВТ	None	Black alum	Finger	6	48	Win8 Pro64	
	210M	4+2GB	14.0" HD Glos				Intel 2230 + B		None	Black alum	Finger		48	Win8 Pro64	
	210M	4GBx1	14.0" HD		500G		Intel 2230 + B		None	Matte black	Finger		48	Win7 Pro64	
	120M 210M	4GBx1	14.0" HD 14.0" HD		320G 500G		Intel 2230 + B Intel 2230 + B		None 16GB	Matte black Black alum	None Finger	6	48 62	Win7 Pro64 Win7 Pro64	
	120M	4GBx1	14.0" HD		320G		Intel 2230 + B		None	Black alum	Finger		48	Win7 Pro64	
	612QM	4GBx1	14.0" HD		500G		Intel 2230 + B		None	Matte black	Finger		48	Win7 Pro64	
	612QM	4GBx1	14.0" HD		500G		Intel 2230 + B		None	Matte black	Finger		48	Win8 Pro64	
	632QM	4GBx1	14.0" HD		500G		Intel 2230 + B		None	Matte black	Finger		62	Win7 Pro64	
	130M 230M	4GBx1 4+2GB	14.0" HD 14.0" HD		320G 750G		Intel 2230 + B Intel 2230 + B		None None	Matte black Matte black	None Finger	6	48 48	Win7 Pro64 Win7 Pro64	
	230M	4GBx1	14.0" HD		500G		Intel 2230 + B		None	Matte black	Finger		48	Win7 Pro64	
Positioning Processor	Intel® CDDR3 Intel CDDR3	core™ i3- memory ore i3-31 memory ore i5-32 memory ore i5-32 memory ore i7-36 memory ore i7-36	esign with quality 3120M processor controller (up to 30M processor controller (up to 210M processor controller (up to 230M processor controller (up to 2120M process controller (up to 2120M process controller (up to 2120M process	sor (2 cores 1600M) r (4 cores 1600M) sor (4 cores 1600M) sor (4 cores 1600M)	ores, 2 Hz), H es, 2.60 Hz), H es, 2.5 Hz), In es, 2.6 Hz), In ores, 2.	2.50GH T techn 0GHz, 3 T techn 0GHz, 4 tel Turb 0GHz, 4 tel Turb 10GHz tel Turb 20GHz	z, 3MB cache) ology 3MB cache), In ology 3MB cache), Ir o Boost 2.0 (3. 3MB cache), Ir o Boost 2.0 (3. , 6MB cache), o Boost 2.0 (3. , 6MB cache),	ntel ntel .100 ntel .200 Intel .100	tel HD G HD Gra HD Gra GHz), HT HD Gra GHz), HT el HD Gr GHz), HT el HD Gr	phics 4000, phics 4000, technology phics 4000, technology aphics 4000, technology aphics 4000,	- So - So Prelo listed - Wii	me: \ me: \ me: \ me: \ paded ndow cess (Windo 64 pre downg Windo Windo Windo Windo I appli s 7 m Conne	ating system ws® 7 Profess installed throe rade rights in ws 8 Pro 64-b ws 8 64-bit ws 8 Pro 64-b ications (only odels Power Manage	sional ugh bit bit / some
Memory	16GB i	max ⁷ / PC	controller (up to 23-12800 1600N pable, two 204-	ИНz DD	R3, no	n-parity	/,	.200	āНZ), Н∃	technology	• Thi	inkVa novo (ntage Simple Reade	Tools eTap	<i>y</i> 01
Optical SATA disk	DVD b	urner, 12.	.7mm high, fixed / SATA 3.0Gb/s	d, not re	movab	le, tray	-in				- Wir	ndow	s 8 m	odels	
mSATA™ SSD			radable, Active F SATA Solid Sta				Cle Mini Card s	slot			• Ler	novo (Suppo	anion	
Widescreen display	LED ba Some: LED ba	acklight,`2 1 4.0 " (3 acklight, 2	555mm) HD (136 200 nits, 16:9 as 555mm) HD (136 200 nits, 16:9 as	spect rat 66x768) spect rat	io, 500 color io, 500):1 cont , Vibrar):1 cont	rast ratio itView (glossy), rast ratio		.atar		- All • Thi	mod einkVa	els ntage	Storage System Updanet Security	ate
Camera Graphics		<u> </u>	ion, face track, I ics 4000 in prod		sensit	ive, lixe	ed locus, LED II	nuic	ator				of vir	us definitions)
Стартноз	externa digital suppor	al analog monitor s rts dual in	monitor suppor upport via HDM idependent disp solution: 2048x	t via VG II™ (sup olay;	porting) HDCF	to output prote			nt);	• Mid			e preloaded; oduct key to a	ıctivate
Keyboard	6-row,	spill-resis	stant, multimedia	a Fn key	S Dor	13									
TrackPoint® Touchpad	I IItra N	oint point	ing device, Inter touchpad belo	rnet Scr	oli Bar Vard Ta	n 7 0n	se multi-touch								
ThinkLight™	None	av , wide	todonpad bolo	w Roybe	ara, re	20 ZOI10	, maiti todom								
Dimensions ³		black or N aluminum	Matte red (top): (top):	339.4 14.0W	x 234r /" (Wx[nm x 2: DxH): 1	3.36" x 9.21" x 8.5-33.9mm 3.36" x 9.21" x 7.4-32.8mm								
Weight ² Case color	Some:	Matte bl	4 lb (2.15kg) ack or Matte red	d (top), t	trimme			nd (s	side); bla	ack bottom					
Case material	Matte I		uminum (top); b Matte red (top):		nitrile-	Butadie	ene-Styrene (Al	BS)	plastic						
Battery - type ³⁷ Battery - life ¹⁰	Lithium 6-cell (า Ion 6-ce <i>(48Whr):</i> เ		711011111	iuiii										
Chipset	,		/ //77 Express Cl	hipset							1				
ExpressCard	None		•	•											
Multicard Reade Ports	Three	USB 3.Ò,	IMC, SD, SDHC one USB 2.0 (p r (VGA DB-15, h	owered),	et (RJ-4	5)								
PCIe Mini Card WLAN ⁴	11b/g/r	n, PCİe H	s Mini Card slot lalf Mini Card, Ir	ntel Cent	trino® V	Vireles	s-N 2230,				65-wa	att AC	adap		iologies
WWAN	None	- Diue(00)	th combo adapte	∪ I, ∠X∠									old re	ating ⁵ 5.0-compliar	nt
Modem	None							_			RoHS	S-com	npliant		
Bluetooth™ Ethernet			ireless, integrate				PCIe Half Mini	Car	rd		Interr	nation	al Wa	rranty Service	9 ¹⁷
Audio support	High D	efinition (11F Gigabit Ne (HD) Audio, Cor	nexant 2	0671 c	codec /	stereo speaker	rs, 2	watt x 2	2/	24 ho	our x 7	day ¹⁸ ne war	8 toll-free sup ranty period12	port
Security Security chip	Power- None	on passv	icrophone, com vord, hard disk p	oasswor	d, supe	ervisor		urity	/ keyhole	Э	For c	ompa O-E4	tible a 30 sh	ccessories, p	lease
Fingerprint reade											For L	enovo	o ²² ser	vice upgrade	
Limited warranty	12 1-year	- depot re	epair service / s	ervice u	pgrade	es ²² ava	ilable				option	ns, ple	ease (go to S-EDGE	sheet

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCle Mini Card WLAN / BT	PCIe Mini C WWAN /mSATA		Finger print reader	Bat- tery cells	Bat- tery /Wh	Preload	Ann date (mm/yy)
6271-A6U	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + B	T None	Black alum	Finger	6	48	Win7 Pro64	03/13
6271-A5U	i3-2348M	4GBx1	14.0" HD	720p	320G 7200	Intel 2230 + B	T None	Black alum	Finger	6	48	Win7 Pro64	03/13
6271-AEU	i3-2348M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + B	T None	Matte black	Finger	6	48	Win7 Pro64	04/13
6271-ADU	i3-2348M	4GBx1	14.0" HD	720p	320G 7200	Intel 2230 + B	T None	Matte black	Finger	6	48	Win8 Pro64	04/13
6271-ACU	i3-2348M	4GBx1	14.0" HD	720p	320G 7200	Intel 2230 + B	T None	Matte black	Finger	6	48	Win7 Pro64	04/13
6271-ABU	i3-2348M	2GBx1	14.0" HD	720p	320G 7200	Intel 2230 + B	T None	Matte black	Finger	6	48	Win7 Pro64	04/13
6271-AAU	i3-2348M	2GBx1	14.0" HD	720p	320G 7200	Intel 2230 + B	T None	Matte black	Finger	6	48	Win8 Pro64	04/13

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-2348M processor (2 cores, 2.30GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology	Preloaded operating system ²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	- Some: Windows 8 Pro 64-bit Preloaded applications (only some
Optical SATA disk mSATA™ SSD	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ None	listed) - Windows 7 models - Access Connections™ - ThinkVantage Power Manager
Widescreen display Camera	14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	ThinkVantage Tools Lenovo SimpleTap Adobe® Reader®
Graphics	Intel HD Graphics 3000 or Intel HD Graphics 4000 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 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz	Windows 8 models Lenovo Support Lenovo Companion Lenovo Mobile Access Lenovo Cloud Storage
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	- All models • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions)
Dimensions ³	Matte black or Matte red (top): 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33"; 339.4 x 234mm x 28.5-33.9mm Black aluminum (top): 14.0W" (WxDxH): 13.36" x 9.21" x 1.08-1.29"; 339.4 x 234mm x 27.4-32.8mm	Microsoft Office preloaded; purchase a product key to activate
Weight ² Case color	6-cell: from 4.74 lb (2.15kg) Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Some: Black aluminum (top); black bottom	
Case material	Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Black aluminum (top): Aluminum	
Battery - type ³⁷ Battery - life ¹⁰	Lithium Ion 6-cell 6-cell (48Whr): up to 6.4 hr 6-cell (62Whr): up to 8.4 hr	
Chipset	Mobile Intel HM77 Express Chipset	
ExpressCard Multicard Reader Ports	None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	O This IV
PCIe Mini Card WLAN ⁴	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	Supports ThinkVantage® technologies 65-watt AC adapter
WWAN	None	EPEAT™ Gold rating ENERGY STAR® 5.0-compliant
Modem Bluetooth™	None Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card	RoHS-compliant International Warranty Service ¹⁷
Ethernet Audio support	Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/	24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
Security Security chip	Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None	For compatible accessories, please go to O-E430 sheet;
Fingerprint reade	r UPEK Fingerprint reader on palm rest, swipe sensor	For Lenovo ²² service upgrade options, please go to S-EDGE sheet
Limited warranty	² 1-year - depot repair service / service upgrades ²² available	options, piease go to 3-LDGE sheet

See footnotes for more detailed information US model(s) announced March 19 or April 16, 2013 US model(s) withdrawn effecive July 2013

ThinkPad® Edge E430 6271 (Intel) - Optimus (T) - W8 - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB ⁸ rpm	PCle Mini Card WLAN / BT	PCIe Mini Ca WWAN /mSATA	rd Top color	Finger print reader	Bat- tery cells	Bat- tery /Wh	Preload	Ann date (mm/yy)
6271-59U	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + B	T 16GB	Black alum	Finger	6	62	Win7 Pro64	10/12

• Small and medium business (SMB) model(s), part of the US TopSeller™ Program

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology	Preloaded operating system ²⁰ - Windows® 7 Professional 64 preinstalled through downgrade
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	rights in Windows 8 Pro 64-bit Ready to install applications ¹⁴ (only
Optical SATA disk mSATA™ SSD	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot	some listed) • One Key Recovery Pro Preloaded applications ¹⁴ (only some listed)
Widescreen display Camera	14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	Access Connections™ TrueSuite Fingerprint Software (includes password manager)
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA GeForce® 610M, PCI Express® x16, 1GB memory, DirectX® 11, NVIDIA PureVideo® HD technology, External monitor support via analog VGA DB-15 connector / digital HDMI connector Max external resolution: 2048x1536 (VGA) @75Hz; 1920x1200 (HDMI) @60Hz	function) • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Norton™ Internet Security 2012
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	(30 days of virus definitions) • Adobe® Reader® • Skype™ • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition
Dimensions ³	Matte black or Matte red (top): 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33"; 339.4 x 234mm x 28.5-33.9mm 14.0W" (WxDxH): 13.36" x 9.21" x 1.08-1.29"; 339.4 x 234mm x 27.4-32.8mm	(DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) • Microsoft Office preloaded;
Weight ² Case color	6-cell: from 4.74 lb (2.15kg) Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Some: Black aluminum (top); black bottom	purchase a product key to activate
Case material Battery - type ³⁷	Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Black aluminum (top): Aluminum Lithium Ion 6-cell	
Battery - life ¹⁰	6-cell (48Whr): up to 6.4 hr 6-cell (62Whr): up to 8.4 hr	
Chipset ExpressCard	Mobile Intel HM77 Express Chipset None	
Multicard Reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card WLAN ⁴	Two PCI Express Mini Card slots 1b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	Supports ThinkVantage® technologies 90-watt AC adapter
WWAN Modem	None None	EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Bluetooth™ Ethernet Audio support	Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack	International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole None	For compatible accessories, please go to O-E430 sheet;
	UPEK Fingerprint reader on palm rest, swipe sensor 1-year - depot repair service / service upgrades ²² available	For Lenovo ²² service upgrade options, please go to S-EDGE sheet

See footnotes for more detailed information US model(s) announced October 23, 2012 US model(s) withdrawn effecive July 2013

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCle P Mini Card WLAN / BT	Cle Mini Ca WWAN /mSATA	ard Carrier	Top color	Finger print reader	Bat- tery cells	Preload	Ann date (mm/yy)
3365-49U	i3-2328M	4GBx1	14.0" HD	0.3M	320G 5400	TP 11b/g/n	None	None	Black textured	None	6	Pro 64	08/12
3365-47U	i3-2328M	2GBx1	14.0" HD	0.3M	320G 5400	TP 11b/g/n	None	None	Black textured	None	6	Pro 64	08/12

• Small and medium business (SMB) model(s), part of the US TopSeller™ Program

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-2328M processor (dual-core, 2.20GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), HT technology	Preloaded operating system ²⁰ - Genuine Windows 7 Professional 64
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	Ready to install applications ¹⁴ (only some listed) • One Key Recovery Pro
Optical SATA disk mSATA™ SSD	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ None	Preloaded applications¹⁴ (only some listed) • Access Connections™
Widescreen display Camera	14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus, low light sensitive, LED indicator	TrueSuite Fingerprint Software (includes password manager function) ThinkVantage System Update
Graphics	Intel HD Graphics 3000 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 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz	 ThinkVantage Power Manager ThinkVantage Tools Lenovo SimpleTap Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader®
Keyboard TrackPoint [®] Touchpad ThinkLight™	6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	Skype™ for Windows Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW)
Dimensions ³ Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	Black textured (top): 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33"; 339.4 x 234mm x 28.5-33.9mm 6-cell: from 4.74 lb (2.15kg) Black textured (top); black bottom Black textured (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 6-cell (48Whr): up to 6.4 hr	Čorel DVD MovieFactory® Lenovo Edition (DVD±RW)
Chipset ExpressCard Multicard Reader Ports	Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	Supports ThinkVantage® technologies
PCIe Mini Card WLAN⁴ WWAN Modem Bluetooth™ Ethernet Audio support Security Security chip Fingerprint reade	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 None None None Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None r None	65-watt AC adapter EPEAT TM Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² For compatible accessories, please go to O-E430 sheet; For Lenovo ²² service upgrade
Limited warranty ¹²	² 1-year - depot repair service / service upgrades ²² available	options, please go to S-EDGE sheet

See footnotes for more detailed information US model(s) announced August 7, 2012 US model(s) withdrawn effective December 31, 2013

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB ⁸ rp	Ā	PCIe PC Mini Card WLAN / BT	le Mini C WWAN /mSATA		Top color	Finger print reader	Bat- tery cells	Preload	Ann date (mm/yy)
3365-4YU	i3-2328M	4GBx1	14.0" HD	720p	500G 5	5400	Intel 2230 + BT	None	None	Black textured	None	6	Win7 Pro64	10/12
3365-4XU	i3-2328M	2GBx1	14.0" HD	720p	320G 5	5400	Intel 2230 + BT	None	None	Black textured	None	6	Win7 Pro64	10/12
3365-4AU	i3-2328M	4GBx1	14.0" HD	720p	320G 5	5400	Intel 2230 + BT	None	None	Black textured	None	6	Win8 Pro64	10/12
3365-48U	i3-2328M	2GBx1	14.0" HD	720p	320G 5	5400	Intel 2230 + BT	None	None	Black textured	None	6	Win8 Pro64	10/12
3365-74U	i3-2348M	4+2GB	14.0" HD Glos	720p	750G 5	5400	Intel 2230 + BT	None	None	Black textured	None	6	Win8 Pro64	01/13
3365-73U	i3-2348M	4GBx1	14.0" HD	720p	320G 5	5400	Intel 2230 + BT	None	None	Black textured	None	6	Win8 Pro64	01/13
3365-72U	i3-2348M	4GBx1	14.0" HD	720p	500G 5	5400	Intel 2230 + BT	None	None	Black textured	None	6	Win8 Pro64	01/13
3365-6ZU	i3-2348M	4+2GB	14.0" HD Glos	3 720p	750G 5	5400	Intel 2230 + BT	None	None	Black textured	None	6	Win7 Pro64	01/13
3365-6YU	i3-2348M	4GBx1	14.0" HD	720p	320G 5	5400	Intel 2230 + BT	None	None	Black textured	None	6	Win7 Pro64	01/13
3365-6XU	i3-2348M	2GBx1	14.0" HD	720p	320G 5	5400	Intel 2230 + BT	None	None	Black textured	None	6	Win7 Pro64	01/13
3365-6WU	i3-2348M	4GBx1	14.0" HD	720p	500G 5	5400	Intel 2230 + BT	None	None	Black textured	None	6	Win7 Pro64	01/13

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-2328M processor (2 cores, 2.20GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-2348M processor (2 cores, 2.30GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology	Preloaded operating system ²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	- Some: Windows 8 Pro 64-bit Preloaded applications (only some listed)
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™	Windows 7 models Access Connections™ ThinkVantage Power Manager
mSATA™ SSD	None	ThinkVantage Tools Langua Simple Tools
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 14.0" (355mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio	Lenovo SimpleTap Adobe® Reader® Windows 8 models Lenovo Support
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	 Lenovo Companion
Graphics	Intel HD Graphics 3000 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 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz	 Lenovo Cloud Storage All models ThinkVantage System Update Norton™ Internet Security
Keyboard TrackPoint [®] Touchpad ThinkLight™	6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	 (30 days of virus definitions) Skype™ Microsoft Office preloaded; purchase a product key to activate
Dimensions ³	Black textured (top): 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33"; 339.4 x 234mm x 28.5-33.9mm	
Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	6-cell: from 4.74 lb (2.15kg) Black textured (top); black bottom Black textured (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 6-cell (48Whr): up to 6.4 hr	
Chipset ExpressCard Multicard Reader Ports	Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card WLAN ⁴	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230,	Supports ThinkVantage® technologies
WWAN Modem Bluetooth™ Ethernet Audio support	Wi-Fi + Bluetooth combo adapter, 2x2 None None Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack	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
Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole None	For compatible accessories, please go to O-E430 sheet;
Fingerprint reader Limited warranty ¹²	² 1-year - depot repair service / service upgrades ²² available	For Lenovo ²² service upgrade options, please go to S-EDGE sheet
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ThinkPad® Edge E430 Accessories - withdrawn

Illilikrau Luge L430 Accesso	iics - williulawii	
Memory 2GB PC3-12800 DDR3 SODIMM 4GB PC3-12800 DDR3 SODIMM Storage and removable storage	0A65722 ann 06/05/12 0A65723 ann 06/05/12	Batteries ³⁷ ThinkPad Battery 75+ (6-cell) OA36311 ann 04/10/12 ThinkPad External Battery Charger ⁴⁴ 40Y7625 ann 09/20/05 44 Requires the ThinkPad 90W AC Adapter
Storage and removable storage ThinkPad 16GB mSATA Solid State Cache Drive USB 2.0 Portable 500GB Hard Disk USB 3.0 Secure 500GB Hard Drive USB 3.0 Secure 750GB Hard Drive USB 3.0 Secure 1TB Hard Drive	0B47309 ann 12/11/12 45K1690 ann 05/26/09 0A65619 ann 11/29/11 0A65616 ann 11/29/11 0A65621 ann 08/28/12	40Y7659 or the adapter provided with the system. More information at www.lenovo.com/alldaycomputing ThinkPad 65W AC Adapter ⁴⁵ 40Y7696 ann 01/05/06 45 Only compatible with the integrated graphics models. ThinkPad 90W AC Adapter 40Y7659 ann 09/20/06 90W Ultraslim AC/DC Combo Adapter 41R4493 ann 09/22/06
ThinkPad Expansion Lenovo® Essential Notebook Stand USB 2.0 Port Replicator with Digital Video Keyboard TrackPoint Cap Collection	45J9292 ann 05/12/09 0A33942 ann 03/22/11 73P2698 ann 12/16/03	More info at www.lenovo.com/support/poweradapters Charging tips for 90W Ultraslim AC/DC Combo Adapter 41R4493 •iPod and iPhone Charge Tip (L10a) 41R4481 ann 12/18/0 •Generic Micro USB charge tip (L18) 41R4490 ann 01/06/05
Ultraslim Plus Wireless Keyboard and Mouse ⁵² 52 Wireless via 2.4GHz technology using a micro USB Numeric Keypad Preferred Pro USB Keyboard Enhanced Performance USB Keyboard ThinkPad USB Keyboard with TrackPoint Lenovo USB Fingerprint Keyboard Lenovo USB Smartcard Keyboard	0A34032 ann 04/05/11	More information at www.lenovopowertips.com Carrying Cases Up to 15.6" widescreen models: Lenovo Messenger Max Lenovo Performance BackPack ThinkPad Business Topload Case ThinkPad Business Backpack ThinkPad Deluxe Expander Case 43R2478 43R2478 43R2478 43R2478 43R2478 43R2478 43R2478
Mouse ThinkPad Bluetooth Laser Mouse Lenovo Optical Mouse (USB) Lenovo Laser Mouse (USB) ThinkPad USB Laser Mouse Lenovo ScrollPoint® Mouse (USB, Optical) ThinkPad Travel Mouse (USB, Optical) Lenovo Wireless Laser Mouse 52 Wireless via 2.4GHz technology using a micro	0A36407 ann 06/26/12 06P4069 ann 05/21/03 41U3074 ann 01/23/07 57Y4635 ann 12/15/09 31P7405 ann 08/27/02 31P7410 ann 06/04/02 0A36188 ann 12/20/11 -size USB receiver.	ThinkPad Executive Leather Case 43R2480 ann 05/13/08 Lenovo Sport Backpack - Red 0A33896 ann 02/28/12 Lenovo Sport Slimcase - Red 0A33897 ann 02/28/12 Lenovo Sport Messenger - Red 0A33898 ann 02/28/12 Lenovo Sport Backpack - Blue 0B47298 ann 08/28/12 Lenovo Sport Messenger - Blue 0B47300 ann 08/28/12 Lenovo Sport Backpack - Grey 0B47301 ann 08/28/12 Lenovo Sport Slimcase - Grey 0B47303 ann 08/28/12 Lenovo Sport Messenger - Grey 0B47302 ann 08/28/12
Security 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	Mone information at www.lenovo.com/support/cases Monitors ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D)69 2448MB6 ann 09/13/13 ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) 1452DS6 ann 08/16/13
Multimedia ThinkPad In-Ear Headphones with mic	57Y4488 ann 01/07/10	More information at www.lenovo.com/support/monitors
Modem USB 2.0 Lenovo Modem	43R1814 ann 02/26/08	Monitor Accessories ⁴⁶ Lenovo USB Soundbar Lenovo HDMI to HDMI Monitor Cable Lenovo HDMI to VGA Monitor Cable Lenovo USB 3.0 to DVI/VGA 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 ThinkVision monitors. OA36190 ann 05/02/12 0B47070 ann 06/26/12 0B47072 ann 08/14/12 73P2582 ann 12/29/03 73P2582 ann 09/30/03 75Y4303 ann 08/24/10 75Y9258 ann 09/22/03
		More information at www.lenovo.com/support/monitoraccessories
		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

ThinkPad_®



Lenovo® ThinkPad Edge E530



Lenovo ThinkPad Edge E530



Lenovo ThinkPad Edge E530c



Lenovo ThinkPad Edge E530 and E530c with Numeric Keypad (Matte black, Matte red, Matte blue or Black textured)



Lenovo ThinkPad Edge E530



Lenovo ThinkPad Edge E530 without Numeric Keypad (Black aluminum)

Type-model	Processor	Memory	Wide- screen display	Camera	Dis SAT GB [®] r	Ά	PCIe PC Mini Card WLAN / BT	le Mini Ca WWAN /mSATA	rd Numeric Keypad	Top color	Finger print reader	tery	Preload	Ann date (mm/yy)
3259-BSU	i5-2450M	4GBx1	15.6" HD	720p	750G !	5400	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	Pro 64	04/12
3259-BRU	i3-2350M	4GBx1	15.6" HD	720p	320G	7200	Intel 2230 + BT	None	None	Black alum	Finger	6	Pro 64	04/12
3259-78U	i3-2350M	4GBx1	15.6" HD	720p	320G	7200	TP 11b/g/n	None	Numpad	Matte black		6	Pro 64	04/12
3259-79U	i3-2350M	4GBx1	15.6" HD	720p	500G	7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	Pro 64	04/12
3259-7AU	i5-2450M	4GBx1	15.6" HD	720p	500G	7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	Pro 64	04/12
3259-7DU	i3-2350M	2GBx1	15.6" HD Glos	720p	320G !	5400	TP 11b/g/n	None	Numpad	Matte black		6	Prem 64	04/12
3259-7EU	i3-2350M	4+2GB	15.6" HD Glos	720p	500G !	5400	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Prem 64	04/12
3259-7FU	i5-2450M	4+2GB	15.6" HD Glos	720p	500G !	5400	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Prem 64	04/12
3259-7HU	i3-2350M	4GBx1	15.6" HD	720p	500G	7200	Intel 2230 + BT	None	None	Black alum	Finger	6	Pro 64	04/12
3259-7JU	i5-2450M	4GBx1	15.6" HD	720p	500G	7200	Intel 2230 + BT	16GB	None	Black alum	Finger	6	Pro 64	04/12
3259-ELU	i5-2450M	4GBx1	15.6" HD	720p	500G	7200	Intel 2230 + BT	None	None	Black alum	Finger	6	Pro 64	05/12

• Small and medium business (SMB) model(s), part of the US TopSeller™ Program

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-2350M processor (dual-core, 2.30GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), HT technology Intel Core i5-2450M processor (dual-core, 2.50GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology	Preloaded operating system ²⁰ - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	Ready to install applications ¹⁴ (only some listed) • One Key Recovery Pro
Optical SATA disk mSATA™ SSD	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot	Preloaded applications¹⁴ (only some listed) • Access Connections™
Widescreen display	Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	TrueSuite Fingerprint Software (includes password manager function) ThinkVantage System Update ThinkVantage Power Manager
Camera Graphics	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator Intel HD Graphics 3000 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 (VGA) @75Hz; 1920x1200 (HDMI) @60Hz	ThinkVantage Tools Lenovo SimpleTap Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader® Skype™ for Windows
Keyboard TrackPoint® Touchpad ThinkLight™	Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad Black aluminum (top): 6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	 Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Dimensions ³	Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm Black aluminum (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.12-1.35"; 377 x 245mm x 28.5-34.3mm	
Weight ² Case color Case material	6-cell: from 5.4 lb (2.45kg) Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Some: Black aluminum (top); black bottom Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic	
Battery - type ³⁷ Battery - life ¹⁰	Black aluminum (top): Aluminum Lithium Ion 6-cell 6-cell (48Whr): up to 5.7 hr	
Chipset ExpressCard Multicard Reader Ports	Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card WLAN⁴	Two PCI Express Mini Card slots Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1	Supports ThinkVantage® technologies
WWAN Modem Bluetooth™ Ethernet Audio support	Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 None None Some: Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/	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
	Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None r Some: UPEK Fingerprint reader on palm rest, swipe sensor 1 1-year - depot repair service / service upgrades22 available	For compatible accessories, please go to O-E530 sheet; For Lenovo ²² service upgrade options, please go to S-EDGE sheet
toa warranty	1 your depot repair service / service appraises available	opilotio, picado go to o EDGE SHEET

Type-model Pro	ocessor	Memory	Wide- screen display	Camera	Dis SA GB ⁸	TA	PC Mini (Card		ard Numeric Keypad	Top co		Finger print reader	terv	terv	Preload (Ann date
3259-7LU i7-3 3259-7CU i7-3 3259-EMU i7-3 3259-DWU i5-3 3259-DVU i5-3 3259-DTU i5-3 3259-7BU i5-3 3259-7GU i5-3 3259-7KU i5-3 3259-7KU i5-3 3259-7KU i5-3	612QM 612QM 612QM 6210M 6210M 6210M 6210M 6210M 6210M 6210M 6210M	4GBx1 4GBx1 4GBx1 4H2GB 4H2GB 4H2GB 4H2GB 4H2GB 4H2GB 4H2GB 4H2GB 4H2GB 4H2GB 4H2GB 4H2GB 4H2GB	15.6" HD 15.6" HD Glos 15.6" HD Glos	720p 720p 720p 720p 720p 720p 720p 720p	500G 500G 500G 500G 750G 500G 500G 500G	7200 7200 7200 7200 7200 5400 7200 7200 7200 7200 7200 7200	Intel 223 Intel 223 Intel 223 Intel 223 Intel 223 Intel 223 Intel 223 TP 11b/ Intel 223 Intel 223 Intel 223	30 + BT 30 + BT 30 + BT 30 + BT 30 + BT 30 + BT 30 + BT (g/n + B 30 + BT 30 + BT	16GB 16GB 16GB 1	None Numpad None None None None Numpad Numpad None None	Black a Matte b Black a Black a Black a Black a Matte b Matte b Black a Black a	lum lack lum lum lum lum lum lack lack lum	Finger Finger Finger Finger Finger Finger Finger Finger Finger Finger Finger	6 6 6 6 6 6 6 6 6	62 62 62 48 48 48 48 48 48	Pro 64 Pro 64 Pro 64 Pro 64 Pro 64 Prem 64 Prem 64 Prem 64 Pro 64 Pro 64	05/12 05/12 05/12 06/12 06/12 06/12 06/12 06/12 06/12 06/12 06/12
	3110M 3110M	4GBx1	15.6" HD 15.6" HD	720p 720p	500G 500G	7200	Intel 223	30 + BT	-	Numpad None	Black a		Finger Finger			Pro 64 Pro 64	07/12 07/12
		• Sma	all and medium	busines	ss (SMB) mod	el(s), par	t of the	US TopSe	eller™ Pro	gram						
Positioning Processor	Intel® DDR3 Intel (DDR3 Intel (Core™ i3 B memory Core i5-3 B memory Core i7-3	design with qual 3-3110M process controller (up to 210M process controller (up to 612QM proces controller (up to	ssor (d o 1600N or (dual o 1600N sor (qu	ual-cor ⁄/Hz), H l-core, ⁄/ ⁄/Hz), In ad-core	e, 2.40 T tech 2.50G tel Tur e, 2.10	OGHŹ, 3N Inology Hz, 3MB 'bo Boos OGHz, 6N	Cache t 2.0 (3.	he),), .10GHz), he),	HT techno	ology	- Soil	me: Ge Ho me: Ge Pr l y to in	enuin ome I enuin ofess stall	e Wi Prem e Wi siona	system indows® 7 nium 64 indows 7 il 64 lications	7
Memory	16GB	max ⁷ / P	C3-12800 1600 apable, two 204	MHz DI	DR3, no	n-pari	ty,				- 37	• On	listed) e Key l	Reco	,		
Optical SATA disk	DVD I Hard	ourner, 12 Disk Drive	2.7mm high, fixe e / SATA 3.0Gb/ gradable, Active	ed, not r 's, 2.5" \	emovat vide, 7r	ole, tra nm or	y-in	nigh,				listedAcc) cess C	onne	ction	ons ¹⁴ (onl s™ nt Softwa	
mSATA™ SSD			mSATA Solid Sta		,	, .		i Card s	slot			(inc	cludes			manage	
Widescreen display		LED ba 2. 15.6" (3	396mm) HD (136 cklight, 220 nits 396mm) HD (136 cklight, 220 nits	, 16:9 a 66x768)	spect ra	atio, 50 Vibrai	00:1 cont ntView (g	lossy),				ThiThi		ağe I	Pówe	em Upda er Manag	
Camera		0p resolu	tion, face track,	low ligh	nt sensi							Ler	novo Si	mple	Tap	ecurity 20	112
Graphics	exterr digital suppo	nal analog I monitor : orts dual i	hics 4000 in programments monitor suppo support via HDN ndependent dis esolution: 2048x	rt via V0 ∕II™ (su play;	GA DB- pporting	g HDC	P to outp	out prot		,.		(30AddSkyCol) days o obe® R ype™ fo rel® Wi	of viru eade or Wii nDVE	us de r® ndow D® (D	efinitions) vs VD±RW)	
Keyboard			Matte red (top):	6-rov	v, spill-r	esista	nt, multin	nedia F	n keys, nı		/pad		rel Burı /D±RW		w™ L	enovo E	dition
TrackPoint® Touchpad ThinkLight™	Trackl		m (top): hting device, Inte le touchpad belo	ernet Sc	roll Bar	-13	nt, multin nes, mult		n keys			• Co		Ó Mo		actory® Le	enovo
Dimensions ³		black or	Matte red (top): m (top):	377 x 15.6\	k 245mı N" (Wx	m x 29 DxH):).5-35.3m 14.84" x	nm 9.65" x	1.16-1.39 1.12-1.39	,							
Weight ² Case color	Some	e: Matte b	1 lb (2.45kg) black or Matte re aluminum (top);	ed (top),	trimme		3.5-34.3m a thin si		nd (side);	black botte	om						
Case material	Matte Black	black or aluminum	Matte red`(top): n (top):	Acry		-Butad	liene-Sty	rene (A	BS) plast	ic							
Battery - type ³⁷ Battery - life ¹⁰	6-cell		ell up to 5.7 hr up to 7.5 hr														
Chipset ExpressCard	None		M77 Express C	•													
Multicard Reade Ports	Three extern	USB 3.0 nal monito	MMC, SD, SDHO , one USB 2.0 (or (VGA DB-15,	powere HDMI),	d),	et (RJ-	-45)										
PCIe Mini Card WLAN ⁴	Some Some	e: 11b/g/r Wi-Fi + e: 11b/g/r Wi-Fi +	ss Mini Card slon, PCIe Half Min Bluetooth combon, PCIe Half Min Bluetooth combon	ii Card, oo adap i Card,	ter, 1x1 Intel Ce	entrino		s-N 223	30,			65-wa	orts Thatt AC a	adap	ter	ge® techn	ologies
WWAN Modem Bluetooth™ Ethernet Audio support	None None Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole										ENERGY STAR® 5.Ō-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² For compatible accessories, please				ort		
Security Security chip Fingerprint read	None						•	ord, sec	urity keyh	ole		go to	O-E53	0 she	eet;		ease
Limited warranty			<u> </u>													upgrade S-EDGE	sheet
					, ,							_					

ThinkPad® Edge E530 3259 (Intel) - TopSeller (Windows 8) - withdrawn Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCIe PC Mini Card WLAN / BT	le Mini C WWAN /mSATA	ard Numeric Keypad	Top color	Finger I print reader o	tery	tery	Preload	Ann date (mm/yy)
3259-TEU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	48	Win8 64	10/12
3259-TFU	i3-3110M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	48	Win8 Pro64	10/12
3259-TGU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	48	Win8 Pro64	10/12
3259-THU	i3-3110M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Matte black	None	6	48	Win8 Pro64	10/12
3259-TKU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	16GB	None	Black alum	Finger	6	62	Win8 Pro64	10/12
3259-TLU	i3-3110M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black alum	Finger	6	48	Win8 Pro64	10/12

\bullet Small and medium business (SMB) model(s), part of the US TopSeller $^{\text{\tiny TM}}$ Program

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-3110M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology	Preloaded operating system ²⁰ - Some: Windows® 8 64-bit - Some: Windows 8 Pro 64-bit Preloaded applications ¹⁴ (only some
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	listed) • Lenovo Support • Lenovo Companion
Optical SATA disk mSATA™ SSD	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot	Lenovo Cloud Storage Password Manager Fingerprint Software (fingerprint models)
Widescreen display Camera	15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	ThinkVantage System Update Norton™ Internet Security (30 days of virus definitions) Microsoft Office preloaded;
Graphics	Intel HD Graphics 4000 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 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz	purchase a product key to activate • Skype™
Keyboard TrackPoint® Touchpad ThinkLight™	Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad Black aluminum (top): 6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	
Dimensions ³	Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm Black aluminum (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.12-1.35"; 377 x 245mm x 28.5-34.3mm	
Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	6-cell: from 5.4 lb (2.45kg) Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Some: Black aluminum (top); black bottom Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Black aluminum (top): Aluminum Lithium lon 6-cell 6-cell (48Whr): up to 5.7 hr	
Chipset ExpressCard Multicard Reader Ports	6-cell (62Whr): up to 7.5 hr Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card WLAN ⁴	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	Supports ThinkVantage® technologies 65-watt AC adapter
WWAN Modem Bluetooth™ Ethernet Audio support	None None Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack	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
Security Security chip Fingerprint reader	None: UPEK Fingerprint reader on palm rest, swipe sensor	For compatible accessories, please go to O-E530 sheet;
	1-year - depot repair service / service upgrades ²² available	For Lenovo ²² service upgrade options, please go to S-EDGE sheet

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCIe PC Mini Card WLAN / BT		ard Numeric Keypad	Top color	Finger Bat- Bat- print tery tery reader cells /Wh		Ann date (mm/yy)
6272-4SU	i3-3120M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Matte black	None 6 48	Win8 Pro64	10/12
6272-4RU	i3-3120M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger 6 48	Win8 Pro64	10/12
6272-4TU	i3-3120M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black alum	Finger 6 48	Win8 Pro64	10/12
6272-4GU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger 6 48	Win7 Pro64	10/12
6272-4FU	i3-3120M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Matte black	None 6 48	Win7 Pro64	10/12
6272-4JU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	16GB	None	Black alum	Finger 6 62	Win7 Pro64	10/12
6272-4HU	i3-3120M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black alum	Finger 6 48	Win7 Pro64	10/12
6272-55U	i7-3632QM	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger 6 62	Win7 Pro64	11/12
6272-53U	i7-3612QM	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger 6 48	Win8 Pro64	11/12
6272-52U	i7-3612QM	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger 6 48	Win7 Pro64	11/12
6272-54U	i5-3210M	4+2GB	15.6" HD Glos	3 720p	750G 5400	Intel 2230 + BT	None	None	Black alum	Finger 6 48	Win8 Pro64	11/12
6272-6HU	i5-3210M	4+2GB	15.6" HD Glos	3 720p	500G 7200	Intel 2230 + BT	None	None	Black alum	Finger 6 48	Win8 Pro64	12/12

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-3120M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i7-3612QM processor (4 cores, 2.10GHz, 6MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i7-3632QM processor (4 cores, 2.20GHz, 6MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology	Preloaded operating system ²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 Pro 64-bit Preloaded applications (only some listed) - Windows 7 models
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	• Access Connections™ • ThinkVantage Power Manager
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™	ThinkVantage Tools Lenovo SimpleTap Adobe® Reader®
mSATA™ SSD Widescreen display Camera	Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	Windows 8 models Lenovo Support Lenovo Companion Lenovo Cloud Storage
Graphics	Intel HD Graphics 4000 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 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz	- All models • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded;
Keyboard TrackPoint® Touchpad ThinkLight™	Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad Black aluminum (top): 6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	purchase a product key to activate
Dimensions ³	Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm Black aluminum (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.12-1.35"; 377 x 245mm x 28.5-34.3mm	
Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	6-cell: from 5.4 lb (2.45kg) Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Some: Black aluminum (top); black bottom Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Black aluminum (top): Aluminum Lithium lon 6-cell 6-cell (48Whr): up to 5.7 hr 6-cell (62Whr): up to 7.5 hr	
Chipset ExpressCard Multicard Reader Ports	Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card WLAN ⁴ WWAN Modem Bluetooth™ Ethernet Audio support	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 None None Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack	Supports ThinkVantage® technologies 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
Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole None Some: UPEK Fingerprint reader on palm rest, swipe sensor	For compatible accessories, please go to O-E530 sheet;
	1-year - depot repair service / service upgrades ²² available	For Lenovo ²² service upgrade options, please go to S-EDGE sheet

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCle PC Mini Card WLAN / BT	Cle Mini C WWAN /mSATA	ard Numeric Keypad	Top color	Finger print reader	tery to	ery	Preload	Ann date (mm/yy)
6272-7VU	i3-3130M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Matte black	None	6 4	8	Win7 Pro64	02/13
6272-7UU	i5-3230M	4+2GB	15.6" HD	720p	750G 5400	Intel 2230 + BT	None	Numpad	Matte black	Finger	6 4	8	Win7 Pro64	02/13
6272-7TU	i5-3230M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6 4	8	Win7 Pro64	02/13
6272-8DU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black alum	Finger	6 4	8	Win7 Pro64	03/13
6272-8CU	i3-2348M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black alum	Finger	6 4	8	Win7 Pro64	03/13
6272-8MU	i3-2348M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6 4	8	Win8 Pro64	04/13
6272-8LU	i3-2348M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6 4	8	Win7 Pro64	04/13
6272-8KU	i3-2348M	2GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6 4	8	Win7 Pro64	04/13
6272-64U	i3-2348M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6 4	8	Win7 Pro64	04/13

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-2348M processor (2 cores, 2.30GHz, 3MB cache), Intel HD Graphics 300 DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-3130M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i5-3230M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology	64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 Pro 64-bit Preloaded applications (only some listed)
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	 Windows 7 models Access Connections™ ThinkVantage Power Manager
Optical SATA disk mSATA™ SSD	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ None	ThinkVantage Tools Lenovo SimpleTap Adobe® Reader®
Widescreen display Camera	15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	- Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo Mobile Access
Graphics	Intel HD Graphics 3000 or Intel HD Graphics 4000 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 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz	 Lenovo Cloud Storage All models ThinkVantage System Update Norton™ Internet Security
Keyboard TrackPoint® Touchpad ThinkLight™	Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad Black aluminum (top): 6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	(30 days of virus definitions) • Skype [™] • Microsoft Office preloaded; purchase a product key to activate
Dimensions ³	Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm Black aluminum (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.12-1.35"; 377 x 245mm x 28.5-34.3mm	
Weight ² Case color Case material	6-cell: from 5.4 lb (2.45kg) Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Some: Black aluminum (top); black bottom Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic	
Battery - type ³⁷ Battery - life ¹⁰	Black aluminum (top): Aluminum Lithium Ion 6-cell 6-cell (48Whr): up to 5.7 hr 6-cell (62Whr): up to 7.5 hr	
Chipset ExpressCard Multicard Reader Ports	Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card WLAN ⁴	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230,	Supports ThinkVantage® technologies
WWAN Modem Bluetooth™ Ethernet Audio support	None None Bluetooth 4.0 wireless, integrated in selected WLAN PCle Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service¹ 24 hour x 7 day¹8 toll-free support during the warranty period¹²
Security Security chip Fingerprint reader	None: UPEK Fingerprint reader on palm rest, swipe sensor	For compatible accessories, please go to O-E530 sheet;
	1-year - depot repair service / service upgrades ²² available	For Lenovo ²² service upgrade options, please go to S-EDGE sheet
		

ThinkPad® Edge E530 6272 (Intel) - Optimus (T) - W8 - withdrawn

Product Specifications Reference (PSREF)

Wide- Disk PCIe PCIe Mini Card Finger Bat- Ann SATA Mini Card WWAN Numeric print tery tery date
Type-model Processor Memory display Camera GB⁸ rpm WLAN / BT /mSATA SIM card Keypad Top color reader cells /Wh Preload (mm/yy)

6272-4PU i5-3210M 4GBx1 15.6" HD+ 720p 500G 7200 Intel 2230 + BT None None Numpad Matte black Finger 6 62 Win7 Pro64 10/12

 $\bullet \ Small \ and \ medium \ business \ (SMB) \ model(s), part \ of \ the \ US \ Top Seller^{\text{\tiny{TM}}} \ Program$

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology	Preloaded operating system ²⁰ - Windows® 7 Professional 64 preinstalled through downgrade
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	rights in Windows 8 Pro 64-bit Ready to install applications ¹⁴ (only
Optical SATA disk mSATA™ SSD	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ None	some listed) • One Key Recovery Pro Preloaded applications ¹⁴ (only some listed)
Widescreen display	Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	Access Connections™ TrueSuite Fingerprint Software (includes password manager function) ThinkVantage System Update
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA GeForce® 610M, PCI Express® x16, 1GB memory, DirectX® 11, NVIDIA PureVideo® HD technology, External monitor support via analog VGA DB-15 connector / digital HDMI connector Max external resolution: 2048x1536 (VGA) @75Hz; 1920x1200 (HDMI) @60Hz	 ThinkVantage Power Manager ThinkVantage Tools Lenovo Simple Tap Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader® Skype™
Keyboard	Matte black, Matte red or Matte blue (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad	Corel® WinDVD® (DVD±RW)
TrackPoint [®] Touchpad ThinkLight™	TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Dimensions ³	Matte black, Matte red or Matte blue (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm	Microsoft Office preloaded; purchase a product key to activate
Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	6-cell: from 5.47 lb (2.48kg) Matte black, Matte red or Matte blue (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 6-cell (62Whr): up to 7.3 hr	F
Chipset ExpressCard Multicard Reader Ports	Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card WLAN ⁴	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	Supports ThinkVantage® technologies 90-watt AC adapter
WWAN Modem Bluetooth™ Ethernet Audio support	None None Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/	EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service¹ ⁷ 24 hour x 7 day¹ ⁸ toll-free support during the warranty period¹²
Security Security chip	Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None	For compatible accessories, please go to O-E530 sheet;
	r UPEK Fingerprint reader on palm rest, swipe sensor 2 1-year - depot repair service / service upgrades ²² available	For Lenovo ²² service upgrade options, please go to S-EDGE sheet
	- juni appet open collino / collino appliados available	, ,, , , , , , , , , , , , , , , , , , ,

See footnotes for more detailed information US model(s) announced October 23, 2012 US model(s) withdrawn effecive July 2013

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Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCIe P(Mini Card WLAN / BT	Cle Mini Ca WWAN /mSATA	rd Numeric Keypad	Top color	Finger print reader	Bat- tery cells	Preload	Ann date (mm/yy)
3366-2YU	i3-2328M	4GBx1	15.6" HD	0.3M	320G 5400	TP 11b/g/n	None	Numpad	Black textured	None	6	Pro 64	08/12
3366-2WU	i3-2328M	4GBx1	15.6" HD	0.3M	500G 5400	TP 11b/g/n	None	Numpad	Black textured	None	6	Pro 64	08/12
3366-2UU	i3-2328M	2GBx1	15.6" HD	0.3M	320G 5400	TP 11b/g/n	None	Numpad	Black textured	None	6	Pro 64	08/12

Small and medium business (SMB) model(s), part of the US TopSeller™ Program

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-2328M processor (dual-core, 2.20GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), HT technology	Preloaded operating system ²⁰ - Genuine Windows 7 Professional 64
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	Ready to install applications ¹⁴ (only some listed) • One Key Recovery Pro
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™	Preloaded applications¹⁴ (only some listed) • Access Connections™
mSATA™ SSD	None	 TrueSuite Fingerprint Software
Widescreen display Camera	15.6" (396mm) HD (1366x768) 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, low light sensitive, LED indicator	(includes password manager function) ThinkVantage System Update
Graphics	Intel HD Graphics 3000 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 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz	 ThinkVantage Power Manager ThinkVantage Tools Lenovo SimpleTap Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader®
Keyboard TrackPoint® Touchpad ThinkLight™	Black textured (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	Nadobe [™] for Windows Corel [®] WinDVD [®] (DVD±RW) Corel Burn.Now [™] Lenovo Edition (DVD±RW)
Dimensions ³	Black textured (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm	 Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	6-cell: from 5.4 lb (2.45kg) Black textured (top); black bottom Black textured (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium lon 6-cell 6-cell (48Whr): up to 5.7 hr	
Chipset	Mobile Intel HM77 Express Chipset	
ExpressCard	None	
Multicard Reader		
Ports	Three USB 3.0, one USB 2.0 (powered),	
	external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	Supports ThinkVantage® technologies
PCIe Mini Card WLAN ⁴ WWAN	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 None	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant
Modem	None	RoHS-compliant
Bluetooth™	None	International Warranty Service ¹⁷
Ethernet	Realtek® RTL8111F Gigabit Network Connection	24 hour x 7 day18 toll-free support
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack	during the warranty period ¹²
Security	Power-on password, hard disk password, supervisor password, security keyhole	For compatible accessories, please
Security chip	None	go to O-E530 sheet;
Fingerprint reader		,
	2 1-year - depot repair service / service upgrades ²² available	For Lenovo ²² service upgrade options, please go to S-EDGE sheet

See footnotes for more detailed information US model(s) announced August 7, 2012 US model(s) withdrawn effective December 31, 2013

(GLN1c-1) January 2014

Type-model	Processor	Memory	Wide- screen display	Camera	Dis SAT GB [®] r	Ά	PCIe PC Mini Card WLAN / BT		ard Numeric Keypad	Top color	Finger print reader	tery	Preload	Ann date (mm/yy)
3366-33U	i3-2328M	4GBx1	15.6" HD	720p	500G	5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win7 Pro64	
3366-32U	i3-2328M	2GBx1	15.6" HD	720p	320G	5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win7 Pro64	10/12
3366-2ZU	i3-2328M	4GBx1	15.6" HD	720p	320G	5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win8 Pro64	10/12
3366-2XU	i3-2328M	4GBx1	15.6" HD	720p	500G	5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win8 Pro64	10/12
3366-2VU	i3-2328M	2GBx1	15.6" HD	720p	320G	5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win8 Pro64	10/12
3366-5AU	i3-2348M	4+2GB	15.6" HD Glos	720p	750G	5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win8 Pro64	01/13
3366-59U	i3-2348M	4GBx1	15.6" HD	720p	320G	5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win8 Pro64	01/13
3366-58U	i3-2348M	4GBx1	15.6" HD	720p	500G	5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win8 Pro64	01/13
3366-57U	i3-2348M	4+2GB	15.6" HD Glos	720p	750G	5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win7 Pro64	01/13
3366-56U	i3-2348M	4GBx1	15.6" HD	720p	320G	5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win7 Pro64	01/13
3366-55U	i3-2348M	2GBx1	15.6" HD	720p	320G	5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win7 Pro64	01/13
3366-54U	i3-2348M	4GBx1	15.6" HD	720p	500G	5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win7 Pro64	01/13

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-2328M processor (2 cores, 2.20GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-2348M processor (2 cores, 2.30GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology	Preloaded operating system ²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	- Some: Windows 8 Pro 64-bit Preloaded applications (only some listed)
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™	Windows 7 models Access Connections™ ThinkVantage Power Manager
mSATA™ SSD	None	ThinkVantage Tools
Widescreen display	Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	Lenovo SimpleTap Adobe® Reader® Windows 8 models Lenovo Support
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	Lenovo Companion
Graphics	Intel HD Graphics 3000 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 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz	Lenovo Cloud Storage All models ThinkVantage System Update Norton™ Internet Security
Keyboard TrackPoint® Touchpad ThinkLight™	Black textured (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	 (30 days of virus definitions) Skype™ Microsoft Office preloaded; purchase a product key to activate
Dimensions ³	Black textured (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm	
Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	6-cell: from 5.4 lb (2.45kg) Black textured (top); black bottom Black textured (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 6-cell (48Whr): up to 5.7 hr	
Chipset	Mobile Intel HM77 Express Chipset	
ExpressCard Multicard Reader Ports	None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card WLAN ⁴	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230,	Supports ThinkVantage® technologies 65-watt AC adapter
WWAN Modem	Wi-Fi + Bluetooth combo adapter, 2x2 None None	EPEAT™ Gold rating ENERGY STAR® 5.0-compliant
Bluetooth™ Ethernet Audio support	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/	RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
Security Security chip	Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None	For compatible accessories, please go to O-E530 sheet;
Fingerprint reader		For Lenovo ²² service upgrade
Limited warranty ¹²	² 1-year - depot repair service / service upgrades ²² available	options, please go to S-EDGE sheet

See footnotes for more detailed information US model(s) announced October 23, 2012 or January 15, 2013 US model(s) withdrawn effective December 31, 2013

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCIe P Mini Card WLAN / BT	Cle Mini Ca WWAN /mSATA	ard Numeric Keypad	Top color	Finger print reader	Bat- tery cells		Ann date mm/yy)
3260-5UU	A6-4400M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	Finger	6	Pro 64	06/12
3260-5VU	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Pro 64	06/12
3260-5SU	A4-4300M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	None	6	Pro 64	07/12
3260-5TU	A4-4300M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	None	6	Prem 64	07/12
3260-DRU	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Pro 64	07/12
3260-DQU	A10-4600M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Pro 64	07/12
3260-EAU	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Prem 64	08/12
3260-E9U	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Prem 64	08/12
3260-E8U	A10-4600M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Prem 64	08/12

 \bullet Small and medium business (SMB) model(s), part of the US TopSeller $^{\text{\tiny{TM}}}$ Program

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles AMD Accelerated Processor A4-4300M (dual-core, 2.50GHz, 1MB L2 cache), integrated AMD Radeon™ HD 7420G Graphics, AMD Turbo Core technology (up to 3.00GHz), integrated DDR3 memory controller (up to 1600MHz) AMD Accelerated Processor A6-4400M (dual-core, 2.70GHz, 1MB L2 cache), integrated AMD Radeon HD 7520G Graphics, AMD Turbo Core technology (up to 3.20GHz), integrated DDR3 memory controller (up to 1600MHz) AMD Accelerated Processor A8-4500M (quad-core, 1.90GHz, 4MB L2 cache), integrated AMD Radeon HD 7640G Graphics, AMD Turbo Core technology (up to 2.80GHz), integrated DDR3 memory controller (up to 1600MHz) AMD Accelerated Processor A10-4600M (quad-core, 2.30GHz, 4MB L2 cache), integrated AMD Radeon HD 7660G Graphics, AMD Turbo Core technology (up to 3.20GHz), integrated DDR3 memory controller (up to 1600MHz)	Preloaded operating system ²⁰ - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64 Ready to install applications¹⁴ (only some listed) • One Key Recovery Pro Preloaded applications¹⁴ (only some listed) • Access Connections™ • TrueSuite Fingerprint Software
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	(includes password manager function)
Optical SATA disk mSATA™ SSD	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ None	ThinkVantage System Update ThinkVantage Power Manager ThinkVantage Tools Lenovo SimpleTap The Account of Control of Con
Widescreen display Camera	15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	 Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader® Skype™ for Windows
Graphics	AMD Radeon 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: 1920x1600 (VGA)@60Hz; 1920x1200 (HDMI)@60Hz	Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW) Mirroret Office prefereded.
Keyboard TrackPoint® Touchpad ThinkLight™	Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad Black aluminum (top): 6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	Microsoft Office preloaded; purchase a product key to activate
Dimensions ³	Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm Black aluminum (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.12-1.35"; 377 x 245mm x 28.5-34.3mm	
Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	6-cell: from 5.4 lb (2.45kg) Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Some: Black aluminum (top); black bottom Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Black aluminum (top): Aluminum Lithium lon 6-cell 6-cell (48Whr): up to 6.0 hr	
Chipset ExpressCard	AMD A70M FCH None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card	One PCI Express Mini Card slot	Supports ThinkVantage® technologies
WLAN⁴ WWAN Modem Bluetooth™ Ethernet Audio support	Some: 11b/g/n, PCle Half Mini Card, ThinkPad 11b/g/n, 1x1 Some: 11b/g/n, PCle Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1 None None Some: Bluetooth 4.0 wireless, integrated in selected WLAN PCle Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service¹ 24 hour x 7 day¹8 toll-free support during the warranty period¹²
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None Some: AuthenTec fingerprint reader on palm rest, swipe sensor	For compatible accessories, please go to O-E530 sheet;
	1-year - depot repair service / service upgrades ²² available	For Lenovo ²² service upgrade options, please go to S-EDGE sheet
		•

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB ⁸ rpm	PCIe PC Mini Card WLAN / BT	le Mini Ca WWAN /mSATA	ard Numeric Keypad	Top color	Finger print reader	Bat- tery cells	Preload	Ann date (mm/yy)
									•				
3260-EFU	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger		Win7 Pro64	
3260-EDU	A4-4300M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	None	6	Win7 Pro64	
3260-ECU	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP $11b/g/n + BT$	None	Numpad	Matte black	Finger	6	Win7 Pro64	10/12
3260-E7U	A4-4300M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	Finger	6	Win8 64	10/12
3260-E6U	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win8 64	10/12
3260-E5U	A6-4400M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	Finger	6	Win8 64	10/12
3260-E4U	A6-4400M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	Finger	6	Win8 Pro64	10/12
3260-E3U	A4-4300M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	Finger	6	Win8 Pro64	10/12
3260-E2U	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win8 64	10/12
3260-DZU	A10-4600M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win8 64	10/12
3260-DYU	A10-4600M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win8 Pro64	10/12
3260-DXU	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win8 Pro64	10/12
3260-DVU	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win8 Pro64	10/12
3260-FMU	A8-4500M	4+2GB	15.6" HD	720p	750G 5400	TP 11b/g/n + BT	None	Numpad	Matte black	None	6	Win7 Pro64	05/13
3260-FLU	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	None	6	Win7 Pro64	05/13
3260-FKU	A10-4600M	4+2GB	15.6" HD	720p	750G 5400	TP 11b/g/n + BT	None	Numpad	Matte black	None	6	Win7 Pro64	
3260-FJU	A10-4600M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	None	6	Win7 Pro64	

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles AMD Accelerated Processor A4-4300M (dual-core, 2.50GHz, 1MB L2 cache), integrated AMD Radeon™ HD 7420G Graphics, AMD Turbo Core technology (up to 3.00GHz), integrated DDR3 memory controller (up to 1600MHz) AMD Accelerated Processor A6-4400M (dual-core, 2.70GHz, 1MB L2 cache), integrated AMD Radeon HD 7520G Graphics, AMD Turbo Core technology (up to 3.20GHz), integrated DDR3 memory controller (up to 1600MHz) AMD Accelerated Processor A8-4500M (quad-core, 1.90GHz, 4MB L2 cache), integrated AMD Radeon HD 7640G Graphics, AMD Turbo Core technology (up to 2.80GHz), integrated DDR3 memory controller (up to 1600MHz) AMD Accelerated Processor A10-4600M (quad-core, 2.30GHz, 4MB L2 cache), integrated AMD Radeon HD 7660G Graphics, AMD Turbo Core technology (up to 3.20GHz), integrated DDR3 memory controller (up to 1600MHz)	Preloaded operating system ²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 64-bit - Some: Windows 8 Pro 64-bit Preloaded applications (only some listed) - Windows 7 models - Access Connections™ - ThinkVantage Power Manager - ThinkVantage Tools
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	Lenovo SimpleTap Adobe® Reader®
Optical SATA disk mSATA™ SSD	DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ None	- Windows 8 models - Lenovo Support - Lenovo Companion
Widescreen display Camera	15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	Lenovo Cloud Storage All models ThinkVantage System Update
Graphics	AMD Radeon 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: 1920x1600 (VGA)@60Hz; 1920x1200 (HDMI)@60Hz	Norton™ Internet Security (30 days of virus definitions) Skype™ Microsoft Office preloaded; purchase a product key to activate
Keyboard TrackPoint® Touchpad ThinkLight™	Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None	
Dimensions ³	Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm	
Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	6-cell: from 5.4 lb (2.45kg) Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 6-cell (48Whr): up to 6.0 hr	
Chipset ExpressCard Multicard Reader Ports	AMD A70M FCH None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card WLAN ⁴	One PCI Express Mini Card slot	Supports ThinkVantage® technologies
WWAN Wodem Bluetooth™ Ethernet Audio support	Some: 11b/g/n, PCle Half Mini Card, ThinkPad 11b/g/n, 1x1 Some: 11b/g/n, PCle Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1 None None Some: Bluetooth 4.0 wireless, integrated in selected WLAN PCle Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack	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
Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole None	For compatible accessories, please go to O-E530 sheet;
	Some: AuthenTec fingerprint reader on palm rest, swipe sensor 1-year - depot repair service / service upgrades ²² available	For Lenovo ²² service upgrade options, please go to S-EDGE sheet
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ThinkPad® Edge E530, E535 Accessories - withdrawn

Memory 2GB PC3-12800 DDR3 SODIMM 4GB PC3-12800 DDR3 SODIMM		ann 06/05/1 ann 06/05/1		0A36311 40Y7625		
Storage and removable storage USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/0	40Y7659 or the adapter provided with the syst			
USB 3.0 Secure 500GB Hard Drive USB 3.0 Secure 750GB Hard Drive		ann 11/29/1 ann 11/29/1	7 ThinkPad 65W AC Adapter ⁴⁵	40Y7696	ann	01/05/06
USB 3.0 Secure 1TB Hard Drive E530 Only: ThinkPad 16GB mSATA Solid State Cache Drive		ann 08/28/1	ThinkPad 90W AC Adapter	models. 40Y7659 41R4493		
	02 000	Q 12, 1.1, .	More info at www.lenovo.com/support/powera			00/22/00
ThinkPad Expansion Lenovo® Essential Notebook Stand	45J9292	ann 05/12/0		•	34493	3
USB 2.0 Port Replicator with Digital Video		ann 03/22/1		41R4481 41R4490	ann	12/18/07
Keyboard TrackPoint Cap Collection Ultraslim Plus Wireless Keyboard and Mouse ⁵²		ann 12/16/0 ann 04/05/1	1	n		
52 Wireless via 2.4GHz technology using a micro	-size USB r	eceiver.	Un to 15 6" wideserson models:			
USB Numeric Keypad Preferred Pro USB Keyboard		ann 05/01/0 ann 06/21/0	Lenovo Messenger Max	41U5253		
Enhanced Performance USB Keyboard	73P2620	ann 03/23/0	1 Lenovo Performance BackPack	41U5254 43R2476		
ThinkPad USB Keyboard with TrackPoint Lenovo USB Fingerprint Keyboard		ann 08/18/0 ann 02/22/0	ThinkPad Business Backpack	43R2482	ann	05/13/08
Lenovo USB Smartcard Keyboard	51J0155	ann 03/24/0	ThinkPad Deluxe Expander Case ThinkPad Executive Leather Case	43R2478 43R2480		
Mouse			Lenovo Sport Backpack - Red	0A33896	ann	02/28/12
ThinkPad Bluetooth Laser Mouse		ann 06/26/1		0A33897 0A33898		
Lenovo Optical Mouse (USB) Lenovo Laser Mouse (USB)		ann 05/21/0 ann 01/23/0	Lenovo Sport Backpack - Blue	0B47298	ann	08/28/12
ThinkPad USB Laser Mouse	57Y4635	ann 12/15/0	Lenovo Sport Silmcase - Blue	0B47300 0B47299		
Lenovo ScrollPoint® Mouse (USB, Optical) ThinkPad Travel Mouse (USB, Optical)	31P7405 31P7410	ann 08/27/0 ann 06/04/0	Lenovo Sport Backpack - Grey	0B47301	ann	08/28/12
Lenovo Wireless Laser Mouse ⁵²	0A36188	ann 12/20/1		0B47303 0B47302		
⁵² Wireless via 2.4GHz technology using a micro	o-size USB	receiver.	More information at www.lenovo.com/support			00,20,12
Security		0.4/05/				
3M 15.6W Privacy Filter from Lenovo Kensington® MicroSaver® Cable Lock	0A61771 73P2582		1 Monitors 3 ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D)	69 2448MB6	ann	09/13/11
Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock	73P2582 45K1620	ann 12/29/0 ann 09/30/0	3 ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) 3 ThinkVision LT1421 Wide 14" Mobile Monitor			
Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock	73P2582 45K1620 57Y4303	ann 12/29/0	ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0)	1452DS6		
Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock USB Gemplus GemPC Smart Card Reader	73P2582 45K1620 57Y4303	ann 12/29/0 ann 09/30/0 ann 08/24/1	 ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) 	1452DS6		
Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock	73P2582 45K1620 57Y4303 41N3040	ann 12/29/0 ann 09/30/0 ann 08/24/1	ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) More information at www.lenovo.com/support	1452DS6 /monitors	ann	08/16/11
Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock USB Gemplus GemPC Smart Card Reader Multimedia ThinkPad In-Ear Headphones with mic	73P2582 45K1620 57Y4303 41N3040	ann 12/29/0 ann 09/30/0 ann 08/24/1 ann 02/21/0	ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) More information at www.lenovo.com/support	1452DS6 /monitors 0A36190 0B47070	ann ann ann	08/16/11 05/01/12 05/22/12
Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock USB Gemplus GemPC Smart Card Reader Multimedia	73P2582 45K1620 57Y4303 41N3040 57Y4488	ann 12/29/0 ann 09/30/0 ann 08/24/1 ann 02/21/0	ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) More information at www.lenovo.com/support Monitor Accessories ⁴⁶ Lenovo USB Soundbar Lenovo HDMI to HDMI Monitor Cable Lenovo HDMI to VGA Monitor Cable	1452DS6 /monitors 0A36190 0B47070 0B47069	ann ann ann ann	08/16/11 05/01/12 05/22/12 06/26/12
Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock USB Gemplus GemPC Smart Card Reader Multimedia ThinkPad In-Ear Headphones with mic Modem	73P2582 45K1620 57Y4303 41N3040 57Y4488	ann 12/29/0 ann 09/30/0 ann 08/24/1 ann 02/21/0 ann 01/07/1	ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) More information at www.lenovo.com/supports Monitor Accessories ⁴⁶ Lenovo USB Soundbar Lenovo HDMI to HDMI Monitor Cable Lenovo HDMI to VGA Monitor Cable Lenovo USB 3.0 to DVI/VGA Monitor Adapter Kensington MicroSaver Cable Lock	1452DS6 /monitors 0A36190 0B47070	ann ann ann ann ann	08/16/11 05/01/12 05/22/12 06/26/12 08/14/12
Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock USB Gemplus GemPC Smart Card Reader Multimedia ThinkPad In-Ear Headphones with mic Modem	73P2582 45K1620 57Y4303 41N3040 57Y4488	ann 12/29/0 ann 09/30/0 ann 08/24/1 ann 02/21/0 ann 01/07/1	ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) More information at www.lenovo.com/supports Monitor Accessories ⁴⁶ Lenovo USB Soundbar Lenovo HDMI to HDMI Monitor Cable Lenovo HDMI to VGA Monitor Cable Lenovo USB 3.0 to DVI/VGA Monitor Adapter Kensington MicroSaver Cable Lock Kensington Twin Head Cable Lock	1452DS6 /monitors 0A36190 0B47070 0B47069 0B47072 73P2582 45K1620	ann ann ann ann ann ann	08/16/11 05/01/12 05/22/12 06/26/12 08/14/12 12/29/03 09/30/08
Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock USB Gemplus GemPC Smart Card Reader Multimedia ThinkPad In-Ear Headphones with mic Modem	73P2582 45K1620 57Y4303 41N3040 57Y4488	ann 12/29/0 ann 09/30/0 ann 08/24/1 ann 02/21/0 ann 01/07/1	ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) More information at www.lenovo.com/support Monitor Accessories ⁴⁶ Lenovo USB Soundbar Lenovo HDMI to HDMI Monitor Cable Lenovo HDMI to VGA Monitor Cable Lenovo USB 3.0 to DVI/VGA Monitor Adapter Kensington MicroSaver Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock Lenovo Easy Reach Monitor Stand	1452DS6 /monitors 0A36190 0B47070 0B47069 0B47072 73P2582 45K1620 57Y4303 55Y9258	ann ann ann ann ann ann ann ann	08/16/11 05/01/12 05/22/12 06/26/12 08/14/12 12/29/03 09/30/08 08/24/10
Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock USB Gemplus GemPC Smart Card Reader Multimedia ThinkPad In-Ear Headphones with mic Modem	73P2582 45K1620 57Y4303 41N3040 57Y4488	ann 12/29/0 ann 09/30/0 ann 08/24/1 ann 02/21/0 ann 01/07/1	ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) More information at www.lenovo.com/supports Monitor Accessories ⁴⁶ Lenovo USB Soundbar Lenovo HDMI to HDMI Monitor Cable Lenovo HDMI to VGA Monitor Cable Lenovo USB 3.0 to DVI/VGA Monitor Adapter Kensington MicroSaver Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock	1452DS6 /monitors 0A36190 0B47070 0B47069 0B47072 73P2582 45K1620 57Y4303 55Y9258 sion monitors	ann ann ann ann ann ann ann ann ann	08/16/11 05/01/12 05/22/12 06/26/12 08/14/12 12/29/03 09/30/08 08/24/10 09/22/09
Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock USB Gemplus GemPC Smart Card Reader Multimedia ThinkPad In-Ear Headphones with mic Modem	73P2582 45K1620 57Y4303 41N3040 57Y4488	ann 12/29/0 ann 09/30/0 ann 08/24/1 ann 02/21/0 ann 01/07/1	ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) More information at www.lenovo.com/supports Monitor Accessories ⁴⁶ Lenovo USB Soundbar Lenovo HDMI to HDMI Monitor Cable Lenovo HDMI to VGA Monitor Cable Lenovo USB 3.0 to DVI/VGA Monitor Adapter Kensington MicroSaver Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock Lenovo Easy Reach Monitor Stand Gompatible on selected Lenovo and ThinkVis	1452DS6 /monitors 0A36190 0B47070 0B47069 0B47072 73P2582 45K1620 57Y4303 55Y9258 sion monitors	ann ann ann ann ann ann ann ann ann	08/16/11 05/01/12 05/22/12 06/26/12 08/14/12 12/29/03 09/30/08 08/24/10 09/22/09
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Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

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

Footnotes:

- 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.
- Public network download modem speeds are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.
- 7 Maximum memory capacity may require the replacement of standard component with largest supported component available. On ThinkPad systems, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems Windows XP Professional 64-bit and Windows Vista 64-bit Editions.
- B Hard drive: GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.

- 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.
- ¹² Limited warranty: Support unrelated to a warranty issue may be subject to additional charges.
- 13 Internet access not included.
- ¹⁴ Included software may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.
- ¹⁶ Activating Verizon Wireless Service: Lenovo customers will be contacted after purchase to activate service; requires separate agreement with Verizon Wireless and is subject to the Customer Agreement, Calling Plan, and credit approval. Service, airtime, and early termination charges may apply. Verizon Wireless, not Lenovo, is solely responsible for service. Service not available in all areas; purchaser is responsible for verifying that service is available for the intended location before purchasing a computer equipped with WAN card. Network details, coverage limitations, and maps at www.verizonwireless.com.
- ¹⁷ International Warranty Service is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.

- ¹⁸ Telephone support may be subject to additional charges, even during the limited warranty period. Response times may vary. May exclude some holidays. If a machine is listed as having "On-site service for select repairs", this means that onsite service is available only for the replacement of select parts. For all other warranty repairs, Lenovo will provide the customer a replacement part for customer installation. The parts for which onsite service is available varies by machine, but may include the processor, power supply, heat sink, system board, or base cover. For ThinkPad notebooks with EasyServ or Courier service, Lenovo will attempt to diagnose and resolve the problem remotely before sending a courier.
- ¹⁹ EasyServ depot repair service: In the United States call 1-800-426-7378. The customer may be asked certain diagnostic questions before a courier is sent. Your ThinkPad 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.

- ²² ThinkPlus 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 will be express shipped to you for quick replacement. Onsite 24x7x2-hour service is not available in all locations. For Think-Pad 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 ThinkPlus terms and conditions for complete details and restrictions.
- 23 Activating AT&T Wireless Service:

Requires separate agreement with AT&T, subject to service agreement, rate plan and coverage maps. AT&T, not Lenovo, is solely responsible for service. Coverage not available in all areas; AT&T BroadbandConnect available in select metropolitan markets. Special credit and tenure restrictions and additional charges may apply to international roaming. A network connection, thirdparty software, additional hardware, and/ or subscription to a third-party service may be required for certain solutions/ applications. Additional restrictions apply, including early termination fee; see www.wireless.att.com for details. To activate call Lenovo Wireless Activation Hot Line at 1-877-299-4710.

- ²⁴ Limited onsite service systems are designed to be repaired during the applicable warranty period primarily with customer-replaceable parts provided by Lenovo. Lenovo will only send a technician onsite to perform a repair if (a) remote telephone diagnosis and/or customer part replacement are unable to resolve the problem, or (b) the part is one of the few designated by Lenovo for onsite replacement. For a list of onsite replaceable parts, contact Lenovo. In the United States call 1-800-426-7378. Support unrelated to a warranty issue may be subject to additional charges. Lenovo onsite repair (LOR), 8 am to 5 pm, Monday through Friday coverage excluding holidays, next business day (NBD) response time.
- Based on IEEE 802.11a and 802.11b. A customer can not upgrade to a different wireless Mini PCI adapter due to FCC regulations. Security screws prevent removal of this adapter. This wireless LAN product has been designed to permit legal operation world-wide in regions which it is approved. This product has been tested and certified to be interoperable by the Wireless Ethernet Compatibility Alliance and is authorized to carry the Wi-Fi logo.
- The IEEE 802.11n specification (MIMO) has not been finalized and is currently in draft release. The ThinkPad 11a/b/g/n (11n) Wireless LAN Mini PCI Express Adapters are based on the Draft Release, Version 1.02, of the IEEE 802.11n specification. The Intel Mini PCI Express Adapters are based on the Draft Release, Version 2.0 of the IEEE 802.11n specification. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, or 11a/b/g/n can communicate on any of its supported formats.
- Measures only maximum data transfer rate, not application performance. Many factors affect application performance.

- 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.
- Operating system: Level of support varies by operating system. Operating systems not preloaded on the system may not provise full feature functionality. Refer to lenovo.com/think/support and enter your machine type and model number for more information.

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