



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2013 to present - withdrawn*

May 2014 - Version 454 (Western Europe)



ThinkPad Edge E530

Contents

Summary of Changes	2
ThinkPad Edge E130, E135	3
ThinkPad Edge E130 3358 (Intel) - TopSeller - withdrawn.....	4
ThinkPad Edge E130 3358 (Intel) - T (Win 8) - withdrawn.....	5
ThinkPad Edge E130 3358 (Intel) - T (Win 8) - II - withdrawn.....	6
ThinkPad Edge E135 3359 (AMD) - TopSeller - withdrawn.....	7
ThinkPad Edge E135 3359 (AMD) - T (DOS) - withdrawn.....	8
ThinkPad Edge E135 3359 (AMD) - T (Win 8) - withdrawn.....	9
ThinkPad Edge E330, E335	10
ThinkPad Edge E330 3354 (Intel) - TopSeller - withdrawn.....	11
ThinkPad Edge E330 3354 (Intel) - T - II - withdrawn.....	12
ThinkPad Edge E330 3354 (Intel) - T (Win 8) - withdrawn.....	13
ThinkPad Edge E330 3354 (Intel) - T (Win 8) - II - withdrawn.....	14
ThinkPad Edge E330 3354 (Intel) - Optimus (T) - withdrawn.....	15
ThinkPad Edge E330 3354 (Intel) - Opt (T) - Win 8 - withdrawn.....	16
ThinkPad Edge E335 3355 (AMD) - T - withdrawn.....	17
ThinkPad Edge E335 3355 (AMD) - T (Win 8) - withdrawn.....	18
ThinkPad E530, E530c, E535	19
ThinkPad Edge E530 3259 (Intel) - T - withdrawn.....	20
ThinkPad Edge E530 3259 (Intel) - T - II - withdrawn.....	21
ThinkPad Edge E530 3259 (Intel) - T - III - withdrawn.....	22
ThinkPad Edge E530 3259 (Intel) - T (Win 8) - withdrawn.....	23
ThinkPad Edge E530 3259 (Intel) - Opt (T) - withdrawn.....	24
ThinkPad Edge E530 3259 (Intel) - Opt (T) - II - withdrawn.....	25
ThinkPad Edge E530 3259 (Intel) - Opt (T) - Win 8 - withdrawn.....	26
ThinkPad Edge E530 3259 (Intel) - T (DOS) - withdrawn.....	27
ThinkPad Edge E530 6272 (Intel) - T (Win 8) - withdrawn.....	28
ThinkPad Edge E530 6272 (Intel) - T (Win 8) - II - withdrawn.....	29
ThinkPad Edge E530 6272 (Intel) - Opt (T) - Win 8 - withdrawn.....	30
ThinkPad Edge E530 6272 (Intel) - Opt (T) - Win 8 - II - withdrawn.....	31
ThinkPad Edge E530c 3366 (Intel) - T (Win 8) - withdrawn.....	32
ThinkPad Edge E530c 3366 (Intel) - T (Win 8) - II - withdrawn.....	33
ThinkPad Edge E535 3260 (AMD) - T - withdrawn.....	34
ThinkPad Edge E535 3260 (AMD) - T (Win 8) - withdrawn.....	35
ThinkPad Edge E535 3260 (AMD) - S (T) - withdrawn.....	36
ThinkPad Edge E535 3260 (AMD) - S (T) - Win 8 - withdrawn.....	37

Summary of Changes

This section describes the withdrawn products which are added in this edition and in previous editions.

May 27, 2014 - Version 454

► **Withdrawn product(s)**

E130/E135 are withdrawn and added in the book

E330/E335 are withdrawn and added in the book

ThinkPad Edge E130, E135

ThinkPad®



Lenovo® ThinkPad Edge E130



Lenovo ThinkPad Edge E130



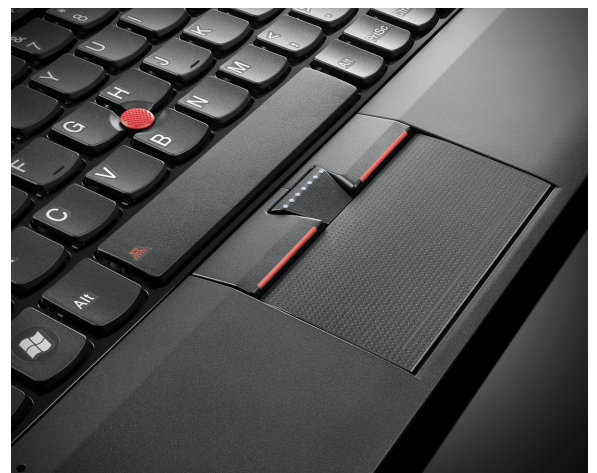
Lenovo ThinkPad Edge E130



Lenovo ThinkPad Edge E130



Lenovo ThinkPad Edge E130



Lenovo ThinkPad Edge E130

ThinkPad Edge E130 3358 (Intel) - TopSeller - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Screen type	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN /mSATA	SIM card	Top color	Blue-tooth	Preload	Ann Date (mm/yy)
3358-5GG	Pen 977	4GBx1	11.6" HD	anti-glare	720p	320G 7200	TP 11b/g/n	None	None	Black	BT	None	05/12
3358-5FG	Pen 977	4GBx1	11.6" HD	anti-glare	720p	320G 7200	TP 11b/g/n	None	None	Red	BT	Prem 64	05/12
3358-5EG	i3-2367M	4GBx1	11.6" HD	anti-glare	720p	320G 7200	Intel 2230	16GB mSATA	None	Red	BT	Prem 64	05/12
3358-5DG	i3-2367M	4GBx1	11.6" HD	anti-glare	720p	320G 7200	Intel 2230	Ericsson	Selectable	Black	BT	Pro 64	05/12
3358-6SG	i3-2367M	4GBx1	11.6" HD	anti-glare	720p	500G 7200	Intel 2230	None	None	Blue	BT	Prem 64	06/12
3358-28G	i3-2367M	4GBx1	11.6" HD	anti-glare	720p	500G 7200	Intel 2230	None	None	Black	BT	Pro 64	06/12
3358-7DG	i3-2365M	4GBx1	11.6" HD	anti-glare	720p	320G 7200	Intel 2230	None	None	Black	BT	Prem 64	08/12
3358-7CG	i3-2365M	4GBx1	11.6" HD	anti-glare	720p	320G 7200	Intel 2230	None	None	Black	BT	Pro 64	08/12
3358-8DG	Pen 997	4GBx1	11.6" HD	anti-glare	720p	320G 7200	TP 11b/g/n	None	None	Black	BT	DOS-Lic.	10/12
3358-B8G	i3-3227U	4GBx1	11.6" HD	glossy	720p	500G 7200	Intel 2230	None	None	Black	BT	DOS-Lic.	03/13
3358-BBG	i3-3227U	4GBx1	11.6" HD	anti-glare	720p	500G 7200	Intel 2230	None	None	Black	BT	DOS-Lic.	04/13

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; one spindle</i> Intel® Pentium® 977 processor (2 cores, 1.40GHz, 2MB cache), Intel HD Graphics, DDR3 memory controller (up to 1333MHz) Intel Pentium 997 processor (2 cores, 1.60GHz, 2MB cache), Intel HD Graphics, DDR3 memory controller (up to 1333MHz) Intel Core™ i3-2365M processor (2 cores, 1.40GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-2367M processor (2 cores, 1.40GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-3227U processor (2 cores, 1.90GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology									Preloaded operating system²⁰ - Some: No operating system - Some: DOS-Lic. - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64 Ready to install applications¹⁴ (Windows 7 models; only some listed) • OneKey Recovery Pro • Password Manager Preloaded applications¹⁴ (Windows 7 models; only some listed) • Lenovo® Solution Center • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • TrueSuite™ (fingerprint models) • ThinkVantage System Update • ThinkVantage Power Manager • Lenovo Cloud Storage by SugarSync • Lenovo SimpleTap • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Evernote® • Intel Small Business Advantage • RapidBoot HDD Accelerator • Symantec™ VIP • Windows Live™ Essentials • Microsoft® Office preloaded; purchase a product key to activate			
Memory	8GB 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												
Optical SATA disk	None												
mSATA™ SSD	Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, removable, upgradable, Active Protection System™ Some: mSATA Solid State Drive (SSD), via PCIe Mini Card slot												
Widescreen display	Some: 11.6" (295mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 11.6" (295mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio												
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus												
Graphics	Intel HD 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												
Keyboard	6-row, spill-resistant, multimedia Fn keys												
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³												
Touchpad	UltraNav™, buttonless touchpad below keyboard, multi-touch												
ThinkLight™	None												
Dimensions ³	11.6W" (WxDxH): 11.30" x 8.35" x 0.85-0.91"; 287mm x 212mm x 21.7-23mm												
Weight ²	6-cell: from 3.40 lb (1.54kg)												
Case color	Midnight black, Heatwave red, or Arctic blue (top), trimmed with a thin silver band (side); black bottom												
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic												
Battery - type ³⁷	Lithium Ion 6-cell, HW Authentication												
Battery - life ¹⁰	6-cell (62.4Whr): up to 8.5 hr												
Chipset	Mobile Intel HM77 Express Chipset												
ExpressCard	None												
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)												
Ports	Two USB 3.0, one powered USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)												
PCIe Mini Card	Two PCI Express Mini Card slots												
PCIe WLAN ⁴	Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1, Wi-Fi + BT combo adapter Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2, Wi-Fi + BT combo adapter												
PCIe WWAN	Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS Some: User selectable, contract required with service provider												
SIM card	None												
Modem	None												
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter												
Ethernet	Realtek® RTL8111F Gigabit Network Connection												
Intel AMT	None												
Audio support	HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 2 watt x 2 / monaural digital microphone, combo audio/mic jack												
Security	Power-on password, hard disk password, supervisor password, security keyhole												
Security chip	None												
Fingerprint reader	None												
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available									Supports ThinkVantage® technologies 65-watt AC adapter EPEAT™ Gold rating (Windows 7 models) ENERGY STAR® 5.0-compliant (Windows 7 models) RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²			

See footnotes for more detailed information

WE model(s) announced May 29, June 12, August 7 or October 2, 2012; March 19 or April 16, 2013

WE model(s) withdrawn effective April 1, 2014

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(G-DT1-1) May 2014

ThinkPad Edge E130 3358 (Intel) - T (Win 8) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Screen type	Camera	Disk SATA GB ³ rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN /mSATA	SIM card	Top color	Blue-tooth	Preload	Ann Date (mm/yy)
3358-8SG	i3-2365M	4GBx1	11.6" HD	anti-glare	720p	320G 7200	Intel 2230	None	None	Black	BT	Win7 Pro64	10/12
3358-8RG	i3-3217U	4GBx1	11.6" HD	anti-glare	720p	500G 7200	Intel 2230	None	None	Black	BT	Win7 Pro64	10/12
3358-8QG	i3-3217U	4GBx1	11.6" HD	anti-glare	720p	500G 7200	Intel 2230	Ericsson	Selectable	Black	BT	Win7 Pro64	10/12
3358-8CG	i3-3217U	4GBx1	11.6" HD	anti-glare	720p	500G 7200	Intel 2230	Ericsson	Selectable	Blue	BT	Win8 64	10/12
3358-8BG	i3-3217U	4GBx1	11.6" HD	anti-glare	720p	500G 7200	Intel 2230	Ericsson	Selectable	Black	BT	Win8 Pro64	10/12
3358-8AG	i3-3217U	4GBx1	11.6" HD	anti-glare	720p	500G 7200	Intel 2230	None	None	Black	BT	Win8 Pro64	10/12
3358-89G	i3-3217U	4GBx1	11.6" HD	anti-glare	720p	500G 7200	Intel 2230	16GB	None	Red	BT	Win8 64	10/12
3358-88G	i3-2365M	4GBx1	11.6" HD	anti-glare	720p	320G 7200	Intel 2230	None	None	Black	BT	Win8 Pro64	10/12
3358-87G	i3-2365M	4GBx1	11.6" HD	anti-glare	720p	320G 7200	Intel 2230	None	None	Black	BT	Win8 64	10/12
3358-86G	Pen 997	4GBx1	11.6" HD	anti-glare	720p	320G 7200	TP 11b/g/n	None	None	Red	BT	Win8 64	10/12
3358-9GG	i3-2375M	4GBx1	11.6" HD	anti-glare	720p	320G 7200	Intel 2230	None	None	Black	BT	Win8 64	01/13
3358-9FG	i3-2375M	4GBx1	11.6" HD	anti-glare	720p	320G 7200	Intel 2230	None	None	Black	BT	Win7 Pro64	01/13
3358-9EG	i3-2375M	4GBx1	11.6" HD	anti-glare	720p	320G 7200	Intel 2230	None	None	Black	BT	Win8 Pro64	01/13

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; one spindle Intel® Pentium® 997 processor (2 cores, 1.60GHz, 2MB cache), Intel HD Graphics, DDR3 memory controller (up to 1333MHz) Intel Core™ i3-2365M processor (2 cores, 1.40GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-2375M processor (2 cores, 1.50GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-3217U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology		Preloaded operating system²⁰ - <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - <i>Some:</i> Windows 8 64-bit - <i>Some:</i> Windows 8 Pro 64-bit Preloaded applications (only some listed) - Windows 7 models • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader® - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo Mobile Access • Lenovo Cloud Storage - All models • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate
Memory	8GB 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		
Optical SATA disk	None Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, removable, upgradable, Active Protection System™		
mSATA™ SSD	<i>Some:</i> 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot		
Widescreen display	<i>Some:</i> 11.6" (295mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio <i>Some:</i> 11.6" (295mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus		
Graphics	Intel HD 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; <i>Max external resolution:</i> 2048x1536 (VGA) @75Hz; 1920x1200 (HDMI) @60Hz		
Keyboard	6-row, spill-resistant, multimedia Fn keys		
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³		
Touchpad	UltraNav™, buttonless touchpad below keyboard, multi-touch		
ThinkLight™	None		
Dimensions ³	<i>11.6W" (WxDxH):</i> 11.30" x 8.35" x 0.85-0.91"; 287mm x 212mm x 21.7-23mm		
Weight ²	<i>6-cell:</i> from 3.40 lb (1.54kg)		
Case color	Midnight black, Heatwave red, or Arctic blue (top), trimmed with a thin silver band (side); black bottom		
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic		
Battery - type ³⁷	Lithium Ion 6-cell, HW Authentication		
Battery - life ¹⁰	<i>6-cell (62.4Whr):</i> up to 8.5 hr		
Chipset	Mobile Intel HM77 Express Chipset		
ExpressCard	None		
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)		
Ports	Two USB 3.0, one powered USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		
PCIe Mini Card	Two PCI Express Mini Card slots		
PCIe WLAN ⁴	<i>Some:</i> 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1, Wi-Fi + BT combo adapter <i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2, Wi-Fi + BT combo adapter		
PCIe WWAN	<i>Some:</i> Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS		
SIM card	<i>Some:</i> User selectable, contract required with service provider		
Modem	None		
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter		
Ethernet	Realtek® RTL8111F Gigabit Network Connection		
Intel AMT	None		
Audio support	HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 2 watt x 2 / monaural digital microphone, combo audio/mic jack		
Security	Power-on password, hard disk password, supervisor password, security keyhole		
Security chip	None		
Fingerprint reader	None		
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available		

| 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 | | |

See footnotes for more detailed information

WE model(s) announced October 23, 2012 or January 22, 2013

WE model(s) withdrawn effective April 1, 2014

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(G-DT1-2) May 2014

ThinkPad Edge E130 3358 (Intel) - T (Win 8) - II - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Screen type	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN /mSATA	SIM card	Top color	Blue-tooth	Preload	Ann Date (mm/yy)
3358-B2G	i3-2375M	4GBx1	11.6" HD	anti-glare	720p	500G 5400	TP 11a/b/g/n	None	None	Black	BT	Win8 64	02/13
3358-AZG	i3-2375M	4GBx1	11.6" HD	anti-glare	720p	500G 5400	Intel 2230	None	None	Black	BT	Win7 Pro64	02/13
3358-AYG	i3-3227U	4GBx1	11.6" HD	anti-glare	720p	500G 7200	Intel 2230	None	None	Red	BT	Win8 64	02/13
3358-AXG	i3-3227U	4GBx1	11.6" HD	anti-glare	720p	500G 7200	TP 11a/b/g/n	None	None	Black	BT	Win7 Pro64	02/13
3358-AWG	i3-3227U	4GBx1	11.6" HD	anti-glare	720p	500G 7200	Intel 2230	Ericsson	Selectable	Black	BT	Win7 Pro64	02/13
3358-B7G	i3-3227U	4GBx1	11.6" HD	anti-glare	720p	500G 7200	Intel 2230	Ericsson	Selectable	Blue	BT	Win8 64	03/13
3358-BEG	i3-3217U	4GBx1	11.6" HD	anti-glare	720p	500G 5400	TP 11a/b/g/n	None	None	Black	BT	Win8 64	05/13
3358-BDG	i3-3217U	4GBx1	11.6" HD	anti-glare	720p	500G 5400	TP 11a/b/g/n	None	None	Black	BT	Win7 Pro64	05/13

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; one spindle Intel® Core™ i3-2375M processor (2 cores, 1.50GHz, 3MB cache), Intel HD Graphics 3000 , DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-3217U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000 , DDR3 memory controller (up to 1600MHz), HT technology Intel Core i3-3227U processor (2 cores, 1.90GHz, 3MB cache), Intel HD Graphics 4000 , DDR3 memory controller (up to 1600MHz), HT technology		Preloaded operating system ²⁰ - <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - <i>Some:</i> Windows 8 64-bit Preloaded applications (only some listed) - Windows 7 models • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader® - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo Mobile Access • Lenovo Cloud Storage - All models • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate
Memory	8GB 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		
Optical	None		
SATA disk	Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, removable, upgradable, Active Protection System™		
mSATA™ SSD	None		
Widescreen display	<i>Some:</i> 11.6" (295mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio <i>Some:</i> 11.6" (295mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus		
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; <i>Max external resolution:</i> 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz		
Keyboard	6-row, spill-resistant, multimedia Fn keys		
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³		
Touchpad	UltraNav™, buttonless touchpad below keyboard, multi-touch		
ThinkLight™	None		
Dimensions ³	<i>11.6W"</i> (WxDxH): 11.30" x 8.35" x 0.85-0.91"; 287mm x 212mm x 21.7-23mm		
Weight ²	<i>6-cell:</i> from 3.40 lb (1.54kg)		
Case color	Midnight black, Heatwave red, or Arctic blue (top), trimmed with a thin silver band (side); black bottom		
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic		
Battery - type ³⁷	Lithium Ion 6-cell, HW Authentication		
Battery - life ¹⁰	<i>6-cell (62.4Whr):</i> up to 8.5 hr		
Chipset	Mobile Intel HM77 Express Chipset		
ExpressCard	None		
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)		
Ports	Two USB 3.0, one powered USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		
PCIe Mini Card	Two PCI Express Mini Card slots		
PCIe WLAN ⁴	<i>Some:</i> 11a/b/g/n, PCIe Half Mini Card, ThinkPad a/b/g/n, 2x2, Wi-Fi / BT combo adapter <i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2, Wi-Fi + BT combo adapter		
PCIe WWAN	<i>Some:</i> Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS		
SIM card	<i>Some:</i> User selectable, contract required with service provider		
Modem	None		
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter		
Ethernet	Realtek® RTL8111F Gigabit Network Connection		
Intel AMT	None		
Audio support	HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 2 watt x 2 / monaural digital microphone, combo audio/mic jack		
Security	Power-on password, hard disk password, supervisor password, security keyhole		
Security chip	None		
Fingerprint reader	None		
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available		

See footnotes for more detailed information

WE model(s) announced February 19, March 19 or May 21, 2013

WE model(s) withdrawn effective April 1, 2014

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(G-DT1-3) May 2014

ThinkPad Edge E135 3359 (AMD) - TopSeller - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Screen type	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN	Top color	Finger print reader	Blue-tooth	Bat-tery cells	Preload	Ann Date (mm/yy)
3359-64G	E-300	4GBx1	11.6" HD	anti-glare	720p	320G 7200	TP 11a/b/g/n	Black	None	BT	6	Pro 64	07/12
3359-62G	E-300	4GBx1	11.6" HD	anti-glare	720p	320G 7200	TP 11a/b/g/n	Red	None	BT	6	Prem 64	07/12
3359-5ZG	E-300	4GBx1	11.6" HD	anti-glare	720p	320G 7200	TP 11b/g/n	Black	None	BT	6	Prem 64	07/12
3359-5YG	E2-1800	4GBx1	11.6" HD	anti-glare	720p	500G 7200	TP 11b/g/n	Red	None	BT	6	Prem 64	07/12

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

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; one spindle</i> AMD Accelerated Processor E-300 (dual-core, 1.30GHz, 1MB L2 cache), integrated AMD Radeon™ HD 6310 Graphics, integrated DDR3 memory controller (up to 1066MHz) AMD Accelerated Processor E2-1800 (dual-core, 1.70GHz, 1MB L2 cache), integrated AMD Radeon HD 7340 Graphics, integrated DDR3 memory controller (up to 1333MHz)								Preloaded operating system²⁰ - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64 Ready to install applications¹⁴ (only some listed) • OneKey Recovery Pro • Password Manager Preloaded applications¹⁴ (only some listed) • Lenovo® Solution Center • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • ThinkVantage System Update • ThinkVantage Power Manager • Lenovo Cloud Storage by SugarSync • Lenovo SimpleTap • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Evernote® • RapidBoot HDD Accelerator • Symantec™ VIP • Windows Live™ Essentials • Microsoft Office preloaded; purchase a product key to activate				
Memory	8GB max⁷ / PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1066MHz DDR3 memory controller												
Optical SATA disk	None												
mSATA™ SSD	Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, removable, upgradable, Active Protection System™												
Widescreen display	None												
Camera	<i>Some: 11.6" (295mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio</i> <i>Some: 11.6" (295mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio</i>												
Graphics	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus												
Keyboard	AMD Radeon HD 6310 or 7340 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; <i>Maximum external resolution: 2048x1536 (VGA)@60Hz; 1920x1200 (HDMI)@60Hz</i>												
TrackPoint®	6-row, spill-resistant, multimedia Fn keys												
Touchpad	TrackPoint pointing device, Internet Scroll Bar ¹³												
ThinkLight™	UltraNav™, buttonless touchpad below keyboard, multi-touch												
Dimensions ³	None												
Weight ²	11.6W" (WxDxH): 11.30" x 8.35" x 0.85-0.91"; 287mm x 212mm x 21.7-23mm												
Case color	6-cell: from 3.40 lb (1.54kg)												
Case material	Midnight black, Heatwave red, or Arctic blue (top), trimmed with a thin silver band (side); black bottom												
Battery - type ³⁷	Acrylonitrile-Butadiene-Styrene (ABS) plastic												
Battery - life ¹⁰	Lithium Ion 6-cell, HW Authentication												
Chipset	6-cell (62.4Whr): up to 8.5 hr												
ExpressCard	AMD A68M FCH Chipset												
Multicard Reader	None												
Ports	4-in-1 reader (MMC, SD, SDHC, SDXC)												
PCIe Mini Card	Two USB 3.0, one powered USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)												
PCIe WLAN ⁴	One PCI Express Mini Card slot												
PCIe WWAN	<i>Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1, Wi-Fi + BT combo adapter</i> <i>Some: 11a/b/g/n, PCIe Half Mini Card, ThinkPad 11a/b/g/n, 2x2, Wi-Fi + BT combo adapter</i>												
SIM card	None												
Modem	None												
Bluetooth™	None												
Ethernet	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter												
Audio support	Realtek® RTL8111F Gigabit Network Connection												
Security	HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 2 watt x 2 / monaural digital microphone, combo audio/mic jack												
Security chip	Power-on password, hard disk password, supervisor password, security keyhole												
Fingerprint reader	None												
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available												

See footnotes for more detailed information
 WE model(s) announced July 10, 2012
 WE model(s) withdrawn effective April 1, 2014

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 (G-DT11-1) May 2014

ThinkPad Edge E135 3359 (AMD) - T (DOS) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Screen type	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN	Top color	Finger print reader	Blue-tooth	Bat-tery cells	Preload	Ann Date (mm/yy)
3359-65G	E-300	4GBx1	11.6" HD	anti-glare	720p	320G 7200	TP 11b/g/n	Black	None	BT	6	DOS-Lic.	07/12
3359-63G	E2-1800	4GBx1	11.6" HD	anti-glare	720p	320G 7200	TP 11b/g/n	Black	None	BT	6	DOS-Lic.	07/12
3359-7EG	E2-2000	4GBx1	11.6" HD	glossy	720p	500G 7200	TP 11b/g/n	Black	None	BT	6	DOS-Lic.	03/13
3359-7FG	E2-2000	4GBx1	11.6" HD	anti-glare	720p	500G 7200	TP 11b/g/n	Black	None	BT	6	DOS-Lic.	04/13

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

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; one spindle</i> AMD Accelerated Processor E-300 (dual-core, 1.30GHz, 1MB L2 cache), integrated AMD Radeon™ HD 6310 Graphics, DDR3 memory controller (up to 1066MHz) AMD Accelerated Processor E2-1800 (dual-core, 1.70GHz, 1MB L2 cache), integrated AMD Radeon HD 7340 Graphics, DDR3 memory controller (up to 1333MHz) AMD Accelerated Processor E2-2000 (dual-core, 1.75GHz, 1MB L2 cache), integrated AMD Radeon HD 7340 Graphics, DDR3 memory controller (up to 1333MHz)	Preloaded operating system²⁰ - DOS-Lic.
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1066MHz DDR3 memory controller	
Optical SATA disk	None Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, removable, upgradable, Active Protection System™	
mSATA™ SSD	None	
Widescreen display	<i>Some: 11.6"</i> (295mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio <i>Some: 11.6"</i> (295mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	
Graphics	AMD Radeon HD 6310 or 7340 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; <i>Maximum external resolution: 2048x1536 (VGA)@60Hz; 1920x1200 (HDMI)@60Hz</i>	
Keyboard	6-row, spill-resistant, multimedia Fn keys	
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³	
Touchpad	UltraNav™, buttonless touchpad below keyboard, multi-touch	
ThinkLight™	None	
Dimensions ³	<i>11.6W"</i> (WxDxH): 11.30" x 8.35" x 0.85-0.91"; 287mm x 212mm x 21.7-23mm	
Weight ²	<i>6-cell:</i> from 3.40 lb (1.54kg)	
Case color	Midnight black, Heatwave red, or Arctic blue (top), trimmed with a thin silver band (side); black bottom	
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic	
Battery - type ³⁷	Lithium Ion 6-cell, HW Authentication	
Battery - life ¹⁰	<i>6-cell (62.4Whr):</i> up to 8.5 hr	
Chipset	AMD A68M FCH Chipset	
ExpressCard	None	
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)	
Ports	Two USB 3.0, one powered USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card	One PCI Express Mini Card slot	
PCIe WLAN ⁴	11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1, Wi-Fi + BT combo adapter	
PCIe WWAN	None	
SIM card	None	
Modem	None	
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
Ethernet	Realtek® RTL8111F Gigabit Network Connection	
Audio support	HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 2 watt x 2 / monaural digital microphone, combo audio/mic jack	
Security	Power-on password, hard disk password, supervisor password, security keyhole	
Security chip	None	
Fingerprint reader	None	
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available	

| | | Supports ThinkVantage® technologies |
| | | 65-watt AC adapter RoHS-compliant International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free support during the warranty period¹² |

See footnotes for more detailed information

WE model(s) announced July 10, 2012; March 19 or April 16, 2013

WE model(s) withdrawn effective April 1, 2014

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Supports ThinkVantage® technologies

65-watt AC adapter
RoHS-compliant
International Warranty Service¹⁷
24 hour x 7 day¹⁸ toll-free support during the warranty period¹²

ThinkPad Edge E135 3359 (AMD) - T (Win 8) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Screen type	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN	Top color	Finger print reader	Blue-tooth	Battery cells	Preload	Ann Date (mm/yy)
3359-6EG	E2-1800	4GBx1	11.6" HD	anti-glare	720p	320G 7200	TP 11a/b/g/n	Black	None	BT	6	Win7 Pro64	10/12
3359-68G	E2-1800	4GBx1	11.6" HD	anti-glare	720p	320G 7200	TP 11b/g/n	Black	None	BT	6	Win8 64	10/12
3359-67G	E2-1800	4GBx1	11.6" HD	anti-glare	720p	500G 7200	TP 11b/g/n	Red	None	BT	6	Win8 64	10/12
3359-66G	E2-1800	4GBx1	11.6" HD	anti-glare	720p	320G 7200	TP 11a/b/g/n	Black	None	BT	6	Win8 Pro64	10/12
3359-72G	E2-2000	4GBx1	11.6" HD	anti-glare	720p	500G 5400	TP 11a/b/g/n	Red	None	BT	6	Win8 64	02/13
3359-6ZG	E2-2000	4GBx1	11.6" HD	anti-glare	720p	500G 5400	TP 11a/b/g/n	Black	None	BT	6	Win7 Pro64	02/13

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; one spindle AMD Accelerated Processor E2-1800 (dual-core, 1.70GHz, 1MB L2 cache), integrated AMD Radeon™ HD 7340 Graphics, DDR3 memory controller (up to 1333MHz) AMD Accelerated Processor E2-2000 (dual-core, 1.75GHz, 1MB L2 cache), integrated AMD Radeon HD 7340 Graphics, DDR3 memory controller (up to 1333MHz)		Preloaded operating system ²⁰ - <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - <i>Some:</i> Windows 8 64-bit - <i>Some:</i> Windows 8 Pro 64-bit Preloaded applications (only some listed) - Windows 7 models • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader® - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage - All models • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets		
Optical SATA disk	None Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, removable, upgradable, Active Protection System™		
mSATA™ SSD	None		
Widescreen display	<i>Some:</i> 11.6" (295mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio <i>Some:</i> 11.6" (295mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus		
Graphics	AMD Radeon HD 7340 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; <i>Maximum external resolution: 2048x1536 (VGA) @60Hz; 1920x1200 (HDMI)@60Hz</i>		
Keyboard	6-row, spill-resistant, multimedia Fn keys		
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³		
Touchpad	UltraNav™, buttonless touchpad below keyboard, multi-touch		
ThinkLight™	None		
Dimensions ³	11.6W" (WxDxH): 11.30" x 8.35" x 0.85-0.91"; 287mm x 212mm x 21.7-23mm		
Weight ²	6-cell: from 3.40 lb (1.54kg)		
Case color	Midnight black or Heatwave red (top), trimmed with a thin silver band (side); black bottom		
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic		
Battery - type ³⁷	Lithium Ion 6-cell, HW Authentication		
Battery - life ¹⁰	6-cell (62.4Whr): up to 8.5 hr		
Chipset	AMD A68M FCH Chipset		
ExpressCard	None		
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)		
Ports	Two USB 3.0, one powered USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		
PCIe Mini Card	One PCI Express Mini Card slot		
PCIe WLAN ⁴	<i>Some:</i> 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1, Wi-Fi + BT combo adapter <i>Some:</i> 11a/b/g/n, PCIe Half Mini Card, ThinkPad 11a/b/g/n, 2x2, Wi-Fi + BT combo adapter		
PCIe WWAN	None		
SIM card	None		
Modem	None		
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter		
Ethernet	Realtek® RTL8111F Gigabit Network Connection		
Audio support	HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 2 watt x 2 / monaural digital microphone, combo audio/mic jack		
Security	Power-on password, hard disk password, supervisor password, security keyhole		
Security chip	None		
Fingerprint reader	None		
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available		
			Supports ThinkVantage® technologies
			65-watt AC adapter EPEAT™ 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

See footnotes for more detailed information
WE model(s) announced October 23, 2012 or February 19, 2013
WE model(s) withdrawn effective April 1, 2014

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ThinkPad Edge E330, E335

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Lenovo ThinkPad Edge E330



Lenovo ThinkPad Edge E335

ThinkPad Edge E330 3354 (Intel) - TopSeller - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	SIM card	Top color	Battery cells	Preload	Ann date (mm/yy)
3354-4SG	i3-2370M	4GBx1	13.3" HD	720p	500G 7200	TP 11a/b/g/n + BT	None	None	Red	6	Prem 64	05/12
3354-4RG	i3-2370M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black	6	Pro 64	05/12
3354-4QG	i3-2370M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	Ericsson	Selectable	Black	6	Pro 64	05/12
3354-95G	Pen B970	4GBx1	13.3" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black	6	Prem 64	06/12
3354-96G	i3-2370M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black	6	DOS-Lic.	06/12
3354-9RG	i3-2328M	4GBx1	13.3" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black	6	Prem 64	08/12
3354-9QG	i3-2328M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black	6	Pro 64	08/12

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

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; one spindle Intel® Pentium® B970 processor (2 cores, 2.30GHz, 2MB cache), Intel HD Graphics, DDR3 memory controller (up to 1333MHz) 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 i3-2370M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology		Preloaded operating system ²⁰ - Some: DOS-Lic. - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64 Ready to install applications ¹⁴ (Windows 7 models; only some listed) • OneKey Recovery Pro • Password Manager Preloaded applications ¹⁴ (Windows 7 models; only some listed) • Access Connections™ • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows
Memory	8GB 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		
Optical SATA disk	None Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™		
mSATA™ SSD	None		
Widescreen display	13.3" (338mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus		
Graphics	Intel HD Graphics or 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; 2560x1600 (HDMI)@60Hz		
Keyboard	6-row, spill-resistant, multimedia Fn keys		
TrackPoint®	TrackPoint pointing device, "Press-to-Select," Internet Scroll Bar ¹³		
Touchpad	UltraNav™, buttonless touchpad below keyboard		
ThinkLight™	None		
Dimensions ³	13.3W" (WxDxH): 12.67" x 8.98" x 0.79-1.09"; 322 x 228mm x 20-27.8mm		
Weight ²	6-cell: from 3.97 lb (1.80kg)		
Case color	Midnight black or Heatwave red (top), trimmed with a thin silver band (side); black bottom		
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic		
Battery - type ³⁷	Lithium Ion 6-cell, HW Authentication		
Battery - life ¹⁰	6-cell (62.4 Whr): up to 7.5 hr		
Chipset	Mobile Intel HM77 Express Chipset		
ExpressCard	None		
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)		
Ports	Two USB 3.0 port, one powered USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		
PCIe Mini Card	Two PCI Express Mini Card slots		
PCIe WLAN ⁴	Some: 11a/b/g/n, PCIe Half Mini Card, ThinkPad a/b/g/n, 2x2, Wi-Fi / BT combo adapter Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2, Wi-Fi / BT combo adapter		
PCIe WWAN	Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS		
SIM card	Some: User selectable, contract required with service provider		
Modem	None		
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card		
Ethernet	Gigabit ethernet, Realtek® RTL8111F		
Intel AMT	None		
Audio support	High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 2 watt x 2/ dual array digital microphone, combo audio/mic jack		
Security	Power-on password, hard disk password, supervisor password, security keyhole		
Security chip	None		
Fingerprint reader	None		
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available		

See footnotes for more detailed information

WE model(s) announced May 29, June 12, June 26 or August 14, 2012

WE model(s) withdrawn effective April 1, 2014

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ThinkPad Edge E330 3354 (Intel) - T - II - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ^a rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	SIM card	Top color	Battery cells	Preload	Ann date (mm/yy)
3354-93G	i5-3210M	4GBx1	13.3" HD	720p	500G 7200	Intel 2230 + BT	Ericsson	Selectable	Black	6	Pro 64	06/12
3354-4NG	i5-3210M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	Ericsson	Selectable	Black	6	Pro 64	06/12
3354-BFG	i5-3210M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black	6	Pro 64	08/12
3354-ALG	i3-3110M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black	6	DOS-Lic.	08/12
3354-AHG	i5-3210M	4GBx1	13.3" HD	720p	500G 5400	Intel 2230 + BT	None	None	Black	6	DOS-Lic.	08/12

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

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; one spindle 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: DOS-Lic. - Some: Genuine Windows 7 Professional 64			
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets								Ready to install applications ¹⁴ (Windows 7 models; only some listed) • OneKey Recovery Pro • Password Manager			
Optical SATA disk	None Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™								Preloaded applications ¹⁴ (Windows 7 models; only some listed) • Access Connections™ • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Microsoft Office preloaded; purchase a product key to activate			
mSATA™ SSD	None											
Widescreen display	13.3" (338mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio											
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus											
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											
Keyboard	6-row, spill-resistant, multimedia Fn keys											
TrackPoint®	TrackPoint pointing device, "Press-to-Select," Internet Scroll Bar ¹³											
Touchpad	UltraNav™, buttonless touchpad below keyboard											
ThinkLight™	None											
Dimensions ³	13.3W" (WxDxH): 12.67" x 8.98" x 0.79-1.09"; 322 x 228mm x 20-27.8mm											
Weight ²	6-cell: from 3.97 lb (1.80kg)											
Case color	Midnight black (top), trimmed with a thin silver band (side); black bottom											
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic											
Battery - type ³⁷	Lithium Ion 6-cell, HW Authentication											
Battery - life ¹⁰	6-cell (62.4 Whr): up to 7.5 hr											
Chipset	Mobile Intel HM77 Express Chipset											
ExpressCard	None											
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)											
Ports	Two USB 3.0 port, one powered USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)											
PCIe Mini Card	Two PCI Express Mini Card slots											
PCIe WLAN ⁴	11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2, Wi-Fi / BT combo adapter											
PCIe WWAN	Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS											
SIM card	Some: User selectable, contract required with service provider											
Modem	None											
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card											
Ethernet	Gigabit ethernet, Realtek® RTL8111F											
Intel AMT	None											
Audio support	High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 2 watt x 2/ dual array digital microphone, combo audio/mic jack											
Security	Power-on password, hard disk password, supervisor password, security keyhole											
Security chip	None											
Fingerprint reader	None											
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available											

See footnotes for more detailed information

WE model(s) announced June 26 or August 28, 2012

WE model(s) withdrawn effective April 1, 2014

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(G-PRN1-2) May 2014

Supports ThinkVantage® technologies

65-watt AC adapter
EPEAT™ Gold rating
(Windows 7 models)
ENERGY STAR® 5.0-compliant
(Windows 7 models)
RoHS-compliant
International Warranty Service¹⁷
24 hour x 7 day¹⁸ toll-free support during the warranty period¹²

ThinkPad Edge E330 3354 (Intel) - T (Win 8) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	SIM card	Top color	Battery cells	Preload	Ann date (mm/yy)
3354-BNG	i3-2328M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black	6	Win7 Pro64	10/12
3354-BMG	i3-3110M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black	6	Win7 Pro64	10/12
3354-BKG	i3-3110M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	Ericsson	Selectable	Black	6	Win7 Pro64	10/12
3354-BJG	i5-3210M	4GBx1	13.3" HD	720p	500G 7200	Intel 2230 + BT	Ericsson	Selectable	Black	6	Win7 Pro64	10/12
3354-AVG	i5-3210M	4GBx1	13.3" HD	720p	500G 7200	Intel 2230 + BT	Ericsson	Selectable	Black	6	Win8 Pro64	10/12
3354-ATG	i5-3210M	4GBx1	13.3" HD	720p	750G 5400	Intel 2230 + BT	16GB	None	Blue	6	Win8 Pro64	10/12
3354-ASG	i3-3110M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	Ericsson	Selectable	Black	6	Win8 Pro64	10/12
3354-ARG	i3-3110M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black	6	Win8 Pro64	10/12
3354-AQG	i3-3110M	4GBx1	13.3" HD	720p	500G 7200	TP 11a/b/g/n + BT	None	None	Red	6	Win8 64	10/12
3354-APG	i3-2328M	4GBx1	13.3" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black	6	Win8 64	10/12
3354-ANG	i3-2328M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black	6	Win8 Pro64	10/12
3354-AMG	Pen B980	4GBx1	13.3" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black	6	Win8 64	10/12
3354-CSG	i3-2348M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black	6	Win7 Pro64	01/13
3354-CRG	i3-2348M	4GBx1	13.3" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black	6	Win8 64	01/13
3354-CQG	i3-2348M	4GBx1	13.3" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black	6	Win8 Pro64	01/13
Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; one spindle</i> Intel® Pentium® B980 processor (2 cores, 2.40GHz, 2MB cache), Intel HD Graphics, DDR3 memory controller (up to 1333MHz) 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 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 system²⁰ - 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 • Lenovo SimpleTap • Adobe® Reader® - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo Mobile Access • Lenovo Cloud Storage - All models • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate			
Memory	8GB 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											
Optical SATA disk	None											
mSATA™ SSD	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											
Widescreen display	13.3" (338mm) HD (1366x768) color , anti-glare,											
Camera	LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus											
Graphics	Intel HD 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; <i>Max external resolution: 2048x1536 (VGA) @ 75Hz; 1920x1200 (HDMI) @ 60Hz</i>											
Keyboard	6-row, spill-resistant, multimedia Fn keys											
TrackPoint®	TrackPoint pointing device, "Press-to-Select," Internet Scroll Bar ¹³											
Touchpad	UltraNav™, buttonless touchpad below keyboard											
ThinkLight™	None											
Dimensions ³	13.3W" (WxDxH): 12.67" x 8.98" x 0.79-1.09"; 322 x 228mm x 20-27.8mm											
Weight ²	6-cell: from 3.97 lb (1.80kg)											
Case color	Midnight black, Heatwave red or Arctic blue (top), trimmed with a thin silver band (side); black bottom											
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic											
Battery - type ³⁷	Lithium Ion 6-cell, HW Authentication											
Battery - life ¹⁰	6-cell (62.4 Whr): up to 7.5 hr											
Chipset	Mobile Intel HM77 Express Chipset											
ExpressCard	None											
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)											
Ports	Two USB 3.0 port, one powered USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)											
PCIe Mini Card	Two PCI Express Mini Card slots											
PCIe WLAN ⁴	Some: 11a/b/g/n, PCIe Half Mini Card, ThinkPad a/b/g/n, 2x2, Wi-Fi / BT combo adapter Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2, Wi-Fi / BT combo adapter											
PCIe WWAN	Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS											
SIM card	Some: User selectable, contract required with service provider											
Modem	None											
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card											
Ethernet	Gigabit ethernet, Realtek® RTL8111F											
Intel AMT	None											
Audio support	High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 2 watt x 2/ dual array digital microphone, combo audio/mic jack											
Security	Power-on password, hard disk password, supervisor password, security keyhole											
Security chip	None											
Fingerprint reader	None											
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available								Supports ThinkVantage® technologies 65-watt AC adapter EPEAT™ 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			

See footnotes for more detailed information
 WE model(s) announced October 23, 2012 or January 1, 2013
 WE model(s) withdrawn effective April 1, 2014

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 (G-PRN1-4) May 2014

ThinkPad Edge E330 3354 (Intel) - T (Win 8) - II - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	SIM card	Top color	Battery cells	Preload	Ann date (mm/yy)
3354-DZG	i3-3120M	4GBx1	13.3" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black	6	DOS-Lic.	02/13
3354-DYG	i3-2348M	4GBx1	13.3" HD	720p	500G 5400	TP 11a/b/g/n + BT	None	None	Black	6	Win8 64	02/13
3354-DXG	i3-2348M	4GBx1	13.3" HD	720p	500G 5400	Intel 2230 + BT	None	None	Black	6	Win7 Pro64	02/13
3354-DWG	i3-3120M	4GBx1	13.3" HD	720p	500G 7200	TP 11a/b/g/n + BT	None	None	Red	6	Win8 64	02/13
3354-DVG	i3-3120M	4GBx1	13.3" HD	720p	500G 7200	TP 11a/b/g/n + BT	None	None	Black	6	Win7 Pro64	02/13
3354-DUG	i3-3120M	4GBx1	13.3" HD	720p	500G 7200	Intel 2230 + BT	Ericsson	Selectable	Black	6	Win7 Pro64	02/13
3354-DTG	i5-3230M	4+4GB	13.3" HD	720p	750G 5400	Intel 2230 + BT	None	None	Blue	6	Win8 64	02/13
3354-DSG	i5-3230M	4GBx1	13.3" HD	720p	500G 7200	Intel 2230 + BT	Ericsson	Selectable	Black	6	Win7 Pro64	02/13
3354-E9G	i3-3110M	4GBx1	13.3" HD	720p	500G 5400	TP 11a/b/g/n + BT	None	None	Black	6	Win8 64	05/13
3354-E8G	i3-3110M	4GBx1	13.3" HD	720p	500G 5400	TP 11a/b/g/n + BT	None	None	Black	6	Win7 Pro64	05/13
3354-EGG	i5-3230M	4GBx2	13.3" HD	720p	500G 7200	Intel 2230 + BT	None	None	Blue	6	Win8 64	12/13

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; one spindle 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 i3-3110M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4000 , DDR3 memory controller (up to 1600MHz), HT technology 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 i5-3230M 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								Preloaded operating system²⁰ - Some: DOS-Lic. - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 64-bit Preloaded applications (only some listed, exclude DOS models) - Windows 7 models • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader® - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage - All models(exclude DOS models) • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate			
Memory	8GB 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											
Optical	None											
SATA disk	Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™											
mSATA™ SSD	None											
Widescreen display	13.3" (338mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio											
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus											
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											
Keyboard	6-row, spill-resistant, multimedia Fn keys											
TrackPoint®	TrackPoint pointing device, "Press-to-Select," Internet Scroll Bar ¹³											
Touchpad	UltraNav™, buttonless touchpad below keyboard											
ThinkLight™	None											
Dimensions ³	13.3W" (WxDxH): 12.67" x 8.98" x 0.79-1.09"; 322 x 228mm x 20-27.8mm											
Weight ²	6-cell : from 3.97 lb (1.80kg)											
Case color	Midnight black, Heatwave red or Arctic blue (top), trimmed with a thin silver band (side); black bottom											
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic											
Battery - type ³⁷	Lithium Ion 6-cell, HW Authentication											
Battery - life ¹⁰	6-cell (62.4 Whr) : up to 7.5 hr											
Chipset	Mobile Intel HM77 Express Chipset											
ExpressCard	None											
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)											
Ports	Two USB 3.0 port, one powered USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)											
PCIe Mini Card	Two PCI Express Mini Card slots											
PCIe WLAN ⁴	Some: 11a/b/g/n, PCIe Half Mini Card, ThinkPad a/b/g/n, 2x2, Wi-Fi / BT combo adapter Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2, Wi-Fi / BT combo adapter											
PCIe WWAN	Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS											
SIM card	Some: User selectable, contract required with service provider											
Modem	None											
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card											
Ethernet	Gigabit ethernet, Realtek® RTL8111F											
Intel AMT	None											
Audio support	High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 2 watt x 2/ dual array digital microphone, combo audio/mic jack											
Security	Power-on password, hard disk password, supervisor password, security keyhole											
Security chip	None											
Fingerprint reader	None											
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available											

See footnotes for more detailed information

WE model(s) announced May 21, or December 17, 2013

WE model(s) withdrawn effective April 1, 2014

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(G-PRN1-6) May 2014

ThinkPad Edge E330 3354 (Intel) - Optimus (T) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ³ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	SIM card	Top color	Battery cells	Preload	Ann date (mm/yy)
3354-94G	i5-3210M	4GBx1	13.3" HD	720p	500G 7200	Intel 2230 + BT	16GB	None	Blue	6	Prem 64	06/12
3354-4PG	i5-3210M	4GBx1	13.3" HD	720p	500G 7200	Intel 2230 + BT	16GB	None	Red	6	Prem 64	06/12

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

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; one spindle 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 - Genuine Windows® 7 Home Premium 64 Ready to install applications ¹⁴ (only some listed) • OneKey Recovery Pro • Password Manager Preloaded applications ¹⁴ (only some listed) • Access Connections™ • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets		
Optical SATA disk	None Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™		
mSATA™ SSD	16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot		
Widescreen display	13.3" (338mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus		
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		
Keyboard	6-row, spill-resistant, multimedia Fn keys		
TrackPoint®	TrackPoint pointing device, "Press-to-Select," Internet Scroll Bar ¹³		
Touchpad	UltraNav™, buttonless touchpad below keyboard		
ThinkLight™	None		
Dimensions ³	13.3W" (WxDxH): 12.67" x 8.98" x 0.79-1.09"; 322 x 228mm x 20-27.8mm		
Weight ²	6-cell: from 3.97 lb (1.80kg)		
Case color	Arctic Blue or Heatwave red (top), trimmed with a thin silver band (side); black bottom		
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic		
Battery - type ³⁷	Lithium Ion 6-cell, HW Authentication		
Battery - life ¹⁰	6-cell (62.4 Whr): up to 7.5 hr		
Chipset	Mobile Intel HM77 Express Chipset		
ExpressCard	None		
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)		
Ports	Two USB 3.0 port, one powered USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		
PCIe Mini Card	Two PCI Express Mini Card slots		
PCIe WLAN ⁴	11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2, Wi-Fi / BT combo adapter		
PCIe WWAN	None		
SIM card	None		
Modem	None		
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card		
Ethernet	Gigabit ethernet, Realtek® RTL8111F		
Intel AMT	None		
Audio support	High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 2 watt x 2/ dual array digital microphone, combo audio/mic jack		
Security	Power-on password, hard disk password, supervisor password, security keyhole		
Security chip	None		
Fingerprint reader	None		
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available		

Supports ThinkVantage® technologies
90-watt AC adapter EPEAT™ 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

See footnotes for more detailed information
WE model(s) announced June 26, 2012
WE model(s) withdrawn effective April 1, 2014

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ThinkPad Edge E330 3354 (Intel) - Opt (T) - Win 8 - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ³ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	SIM card	Top color	Battery cells	Preload	Ann date (mm/yy)
3354-AUG	i5-3210M	4GBx1	13.3" HD	720p	500G 7200	Intel 2230 + BT	16GB	None	Red	6	Win8 64	10/12

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

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; one spindle</i> 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 8 64-bit Preloaded applications ¹⁴ (only some listed) • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage • Password Manager • Fingerprint Software (fingerprint models) • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Microsoft Office preloaded; purchase a product key to activate • Skype™
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	
Optical SATA disk	None Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™	
mSATA™ SSD	16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot	
Widescreen display	13.3" (338mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	
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 <i>Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz</i>	
Keyboard	6-row, spill-resistant, multimedia Fn keys	
TrackPoint®	TrackPoint pointing device, "Press-to-Select," Internet Scroll Bar ¹³	
Touchpad	UltraNav™, buttonless touchpad below keyboard	
ThinkLight™	None	
Dimensions ³	<i>13.3W"</i> (WxDxH): 12.67" x 8.98" x 0.79-1.09"; 322 x 228mm x 20-27.8mm	
Weight ²	<i>6-cell</i> : from 3.97 lb (1.80kg)	
Case color	Heatwave red (top), trimmed with a thin silver band (side); black bottom	
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic	
Battery - type ³⁷	Lithium Ion 6-cell, HW Authentication	
Battery - life ¹⁰	<i>6-cell (62.4 Whr)</i> : up to 7.5 hr	
Chipset	Mobile Intel HM77 Express Chipset	
ExpressCard	None	
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)	
Ports	Two USB 3.0 port, one powered USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card	Two PCI Express Mini Card slots	
PCIe WLAN ⁴	11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2, Wi-Fi / BT combo adapter	
PCIe WWAN	None	
SIM card	None	
Modem	None	
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card	
Ethernet	Gigabit ethernet, Realtek® RTL8111F	
Intel AMT	None	
Audio support	High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 2 watt x 2/ dual array digital microphone, combo audio/mic jack	
Security	Power-on password, hard disk password, supervisor password, security keyhole	
Security chip	None	
Fingerprint reader	None	
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available	

| Supports ThinkVantage® technologies | |
| 90-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 | |

See footnotes for more detailed information
WE model(s) announced October 23, 2012
WE model(s) withdrawn effective April 1, 2014

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Supports ThinkVantage® technologies

90-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

ThinkPad Edge E335 3355 (AMD) - T - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁵ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	SIM card	Top color	Battery cells	Preload	Ann date (mm/yy)
3355-64G	E2-1800	4GBx1	13.3" HD	720p	500G 7200	TP 11b/g/n + BT	None	None	Black	6	DOS-Lic.	07/12
3355-63G	E2-1800	4GBx1	13.3" HD	720p	500G 7200	TP 11b/g/n + BT	None	None	Red	6	Prem 64	07/12
3355-62G	E2-1800	4GBx1	13.3" HD	720p	320G 7200	TP 11a/b/g/n + BT	None	None	Red	6	Prem 64	07/12
3355-5ZG	E2-1800	4GBx1	13.3" HD	720p	500G 7200	TP 11b/g/n + BT	None	None	Black	6	Pro 64	07/12
3355-5YG	E2-1800	4GBx1	13.3" HD	720p	320G 7200	TP 11a/b/g/n + BT	None	None	Black	6	Pro 64	07/12

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

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; one spindle AMD Accelerated Processor E2-1800 (dual-core, 1.70GHz, 1MB L2 cache), integrated AMD Radeon™ HD 7340 Graphics, DDR3 memory controller (up to 1333MHz)		Preloaded operating system²⁰ - <i>Some:</i> DOS-Lic. - <i>Some:</i> Genuine Windows® 7 Home Premium 64 - <i>Some:</i> Genuine Windows 7 Professional 64 Ready to install applications¹⁴ (Windows 7 models; only some listed) • OneKey Recovery Pro • Password Manager Preloaded applications¹⁴ (Windows 7 models; only some listed) • Access Connections™ • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows
Memory	8GB 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		
Optical	None		
SATA disk	Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™		
mSATA™ SSD	None		
Widescreen display	13.3" (338mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus		
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; <i>Max external resolution: 2048x1536 (VGA)@60Hz; 1920x1200 (HDMI)@60Hz</i>		
Keyboard	6-row, spill-resistant, multimedia Fn keys		
TrackPoint®	TrackPoint pointing device, "Press-to-Select," Internet Scroll Bar ¹³		
Touchpad	UltraNav™, buttonless touchpad below keyboard		
ThinkLight™	None		
Dimensions ³	13.3W" (WxDxH): 12.67" x 8.98" x 0.79-1.09"; 322 x 228mm x 20-27.7mm		
Weight ²	6-cell: from 3.97 lb (1.80kg)		
Case color	Midnight black or Heatwave red (top), trimmed with a thin silver band (side); black bottom		
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic		
Battery - type ³⁷	Lithium Ion 6-cell, HW Authentication		
Battery - life ¹⁰	6-cell (62.4 Whr): up to 7.5 hr		
Chipset	AMD A68M FCH		
ExpressCard	None		
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)		
Ports	Two USB 3.0 port, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		
PCIe Mini Card	One PCI Express Mini Card slot		
PCIe WLAN ⁴	<i>Some:</i> 11b/g/n, PCIe Half Mini Card, ThinkPad b/g/n, 1x1, Wi-Fi / BT combo adapter <i>Some:</i> 11a/b/g/n, PCIe Half Mini Card, ThinkPad a/b/g/n, 2x2, Wi-Fi / BT combo adapter		
PCIe WWAN	None		
SIM card	None		
Modem	None		
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card		
Ethernet	Gigabit ethernet, Realtek® RTL8111F		
Intel AMT	None		
Audio support	High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 2 watt x 2/ dual array digital microphone, combo audio/mic jack		
Security	Power-on password, hard disk password, supervisor password, security keyhole		
Security chip	None		
Fingerprint reader	None		
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available		

Supports ThinkVantage® technologies
65-watt AC adapter EPEAT™ Gold rating (Windows 7 models) ENERGY STAR® 5.0-compliant (Windows 7 models) RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²

See footnotes for more detailed information
WE model(s) announced July 17, 2012
WE model(s) withdrawn effective April 1, 2014

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ThinkPad Edge E335 3355 (AMD) - T (Win 8) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	SIM card	Top color	Battery cells	Preload	Ann date (mm/yy)
3355-6AG	E2-1800	4GBx1	13.3" HD	720p	320G 7200	TP 11a/b/g/n + BT	None	None	Black	6	Win7 Pro64	10/12
3355-69G	E2-1800	4GBx1	13.3" HD	720p	500G 7200	TP 11b/g/n + BT	None	None	Black	6	Win7 Pro64	10/12
3355-68G	E2-1800	4GBx1	13.3" HD	720p	500G 7200	TP 11b/g/n + BT	None	None	Black	6	Win8 Pro64	10/12
3355-67G	E2-1800	4GBx1	13.3" HD	720p	320G 7200	TP 11a/b/g/n + BT	None	None	Black	6	Win8 Pro64	10/12
3355-66G	E2-1800	4GBx1	13.3" HD	720p	320G 7200	TP 11a/b/g/n + BT	None	None	Red	6	Win8 64	10/12
3355-65G	E2-1800	4GBx1	13.3" HD	720p	500G 7200	TP 11b/g/n + BT	None	None	Red	6	Win8 64	10/12
3355-72G	E2-2000	4GBx1	13.3" HD	720p	500G 5400	TP 11a/b/g/n + BT	None	None	Black	6	DOS-Lic.	02/13
3355-6ZG	E2-2000	4GBx1	13.3" HD	720p	500G 5400	TP 11a/b/g/n + BT	None	None	Red	6	Win8 64	02/13
3355-6YG	E2-2000	4GBx1	13.3" HD	720p	500G 5400	TP 11a/b/g/n + BT	None	None	Black	6	Win7 Pro64	02/13

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; one spindle</i> AMD Accelerated Processor E2-1800 (dual-core, 1.70GHz, 1MB L2 cache), integrated AMD Radeon™ HD 7340 Graphics, DDR3 memory controller (up to 1333MHz) AMD Accelerated Processor E2-2000 (dual-core, 1.75GHz, 1MB L2 cache), integrated AMD Radeon HD 7340 Graphics, DDR3 memory controller (up to 1333MHz)									Preloaded operating system²⁰ - <i>Some:</i> DOS-Lic. - <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - <i>Some:</i> Windows 8 64-bit - <i>Some:</i> Windows 8 Pro 64-bit		
Memory	8GB 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											
Optical SATA disk	None Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™									Preloaded applications (only some listed, exclude DOS models) - Windows 7 models • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader®		
mSATA™ SSD	None											
Widescreen display	13.3" (338mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio											
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus											
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; <i>Max external resolution: 2048x1536 (VGA) @60Hz; 1920x1200 (HDMI) @60Hz</i>									- Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage		
Keyboard	6-row, spill-resistant, multimedia Fn keys											
TrackPoint®	TrackPoint pointing device, "Press-to-Select," Internet Scroll Bar ¹³											
Touchpad	UltraNav™, buttonless touchpad below keyboard											
ThinkLight™	None											
Dimensions ³	13.3W" (WxDxH): 12.67" x 8.98" x 0.79-1.09"; 322 x 228mm x 20-27.7mm											
Weight ²	6-cell: from 3.97 lb (1.80kg)											
Case color	Midnight black or Heatwave red (top), trimmed with a thin silver band (side); black bottom											
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic											
Battery - type ³⁷	Lithium Ion 6-cell, HW Authentication											
Battery - life ¹⁰	6-cell (62.4 Whr): up to 7.5 hr											
Chipset	AMD A68M FCH											
ExpressCard	None											
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)											
Ports	Two USB 3.0 port, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)											
PCIe Mini Card	One PCI Express Mini Card slot											
PCIe WLAN ⁴	<i>Some:</i> 11b/g/n, PCIe Half Mini Card, ThinkPad b/g/n, 1x1, Wi-Fi / BT combo adapter <i>Some:</i> 11a/b/g/n, PCIe Half Mini Card, ThinkPad a/b/g/n, 2x2, Wi-Fi / BT combo adapter											
PCIe WWAN	None											
SIM card	None											
Modem	None											
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card											
Ethernet	Gigabit ethernet, Realtek® RTL8111F											
Intel AMT	None											
Audio support	High Definition (HD) Audio, Realtek ALC269 codec / stereo speakers, 2 watt x 2/ dual array digital microphone, combo audio/mic jack											
Security	Power-on password, hard disk password, supervisor password, security keyhole											
Security chip	None											
Fingerprint reader	None											
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available											

See footnotes for more detailed information
WE model(s) announced October 23, 2012 or February 19, 2013
WE model(s) withdrawn effective April 1, 2014

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Supports ThinkVantage® technologies

65-watt AC adapter
EPEAT™ Gold rating
(exclude DOS models)
ENERGY STAR® 5.0-compliant
(exclude DOS models)
RoHS-compliant
International Warranty Service¹⁷
24 hour x 7 day¹⁸ toll-free support during the warranty period¹²



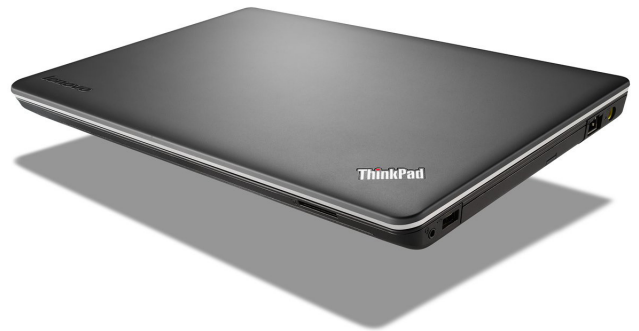
Lenovo® ThinkPad Edge E530



Lenovo ThinkPad Edge E530



Lenovo ThinkPad Edge E530



Lenovo ThinkPad Edge E530
with Numeric Keypad
(Matte black, Matte red or Matte blue)



Lenovo ThinkPad Edge E530



Lenovo ThinkPad Edge E530
without Numeric Keypad
(Black aluminum)

ThinkPad Edge E530 3259 (Intel) - T - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ³ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	SIM card	Numeric Keypad	Top color	Finger print reader	Battery cells	Preload	Ann date (mm/yy)
3259-CBG	i3-2350M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte black	Finger	6	Prem 64	04/12
3259-CAG	i3-2350M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte red	Finger	6	Prem 64	04/12
3259-79G	i3-2350M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte black	Finger	6	Pro 64	04/12
3259-7AG	i5-2450M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte black	Finger	6	Pro 64	04/12
3259-CGG	i5-2520M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte black	Finger	6	Pro 64	04/12
3259-9WG	i3-2370M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte red	Finger	6	Prem 64	05/12
3259-9XG	i3-2370M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte black	Finger	6	Pro 64	05/12
3259-9ZG	i3-2370M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte black	Finger	6	Prem 64	05/12
3259-HMG	i3-2330M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte black	Finger	6	Prem 64	05/12
3259-HKG	i3-2330M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte black	Finger	6	Pro 64	05/12
3259-HQG	i3-2370M	4GBx1	15.6" HD+	720p	500G 7200	Intel 2230 + BT	Ericsson	Lenovo	Numpad	Matte black	Finger	6	Pro 64	07/12

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

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> Intel® Core™ i3-2330M processor (dual-core, 2.20GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-2350M processor (dual-core, 2.30GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-2370M processor (dual-core, 2.40GHz, 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 Intel Core i5-2520M processor (dual-core, 2.50GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology		Preloaded operating system²⁰ - <i>Some:</i> Genuine Windows® 7 Home Premium 64 - <i>Some:</i> 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 (includes password manager function) • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
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		
Optical	DVD burner, 12.7mm high, fixed, not removable, tray-in		
SATA disk	Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™		
mSATA™ SSD	None		
Widescreen display	15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio 15.6" (396mm) HD+ (1600x900) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator		
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; <i>Max external resolution: 2048x1536 (VGA) @75Hz; 1920x1200 (HDMI)@60Hz</i>		
Keyboard	<i>Matte black or Matte red (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad		
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³		
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch		
ThinkLight™	None		
Dimensions ³	<i>Matte black or Matte red (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm		
Weight ²	<i>6-cell:</i> from 5.4 lb (2.45kg);		
Case color	Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom		
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic		
Battery - type ³⁷	Lithium Ion 6-cell		
Battery - life ¹⁰	<i>6-cell (48Whr):</i> up to 5.7 hr		
Chipset	Mobile Intel HM77 Express Chipset		
ExpressCard	None		
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)		
Ports	Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		
PCIe Mini Card	Two PCI Express Mini Card slots		
WLAN ⁴	11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2		
WWAN	<i>Some:</i> Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS		
SIM card	<i>Some:</i> Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required		
Modem	None		
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Mini Card		
Ethernet	Realtek® RTL8111F Gigabit Network Connection		
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack		
Security	Power-on password, hard disk password, supervisor password, security keyhole		
Security chip	None		
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor		
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available		

See footnotes for more detailed information

WE model(s) announced April 24, May 15, May 29 or July 3, 2012

US model(s) withdrawn effective December 31, 2013

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(G-GLN1-1) February 2014

ThinkPad Edge E530 3259 (Intel) - T - II - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	NUMERIC Keypad	Top color	Finger print reader	Battery cells	Preload (mm/yy)	Ann date
3259-9UG	B960	2GBx1	15.6" HD	0.3M	320G 5400	TP 11b/g/n + BT	None	None	Numpad	Matte black	Finger 6	Prem 64	04/12
3259-9VG	B960	4GBx1	15.6" HD	0.3M	500G 5400	TP 11b/g/n + BT	None	None	Numpad	Matte black	Finger 6	Prem 64	04/12
3259-HPG	B970	4GBx1	15.6" HD	720p	320G 5400	Intel 2230 + BT	None	None	Numpad	Matte black	Finger 6	Prem 64	05/12
3259-HNG	B970	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	None	Numpad	Matte black	Finger 6	Prem 64	05/12
3259-HHG	i3-2328M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte black	Finger 6	Prem 64	08/12
3259-HGG	i3-2328M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte black	Finger 6	Pro 64	08/12
3259-MUG	i3-2328M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte black	Finger 6	DOS-Lic.	08/12

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

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Pentium® B960 processor (2 cores, 2.20GHz, 2MB Cache), Intel HD Graphics, DDR3 memory controller (up to 1333MHz) Intel Pentium B970 processor (2 cores, 2.30GHz, 2MB Cache), Intel HD Graphics, DDR3 memory controller (up to 1333MHz) Intel Core™ i3-2328M processor (2 cores, 2.20GHz, 3MB Cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology										Preloaded operating system²⁰ - Some: DOS-Lic. - 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 applications¹⁴ (Windows 7 models; 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 (Windows 7 models; only some listed) • Access Connections™ • TrueSuite Fingerprint Software (includes password manager function) • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) • Microsoft Office preloaded; purchase a product key to activate		
mSATA™ SSD	None												
Widescreen display	15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio												
Camera	Some: Camera on top of screen, 0.3-megapixel, fixed focus Some: HD720p resolution, face track, low light sensitive, fixed focus, LED indicator												
Graphics	Intel HD Graphics or 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												
Keyboard	Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad												
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³												
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch												
ThinkLight™	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	6-cell: from 5.4 lb (2.45kg)												
Case color	Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom												
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic												
Battery - type ³⁷	Lithium Ion 6-cell												
Battery - life ¹⁰	6-cell (48Whr): up to 5.4 hr												
Chipset	Mobile Intel HM77 Express Chipset												
ExpressCard	None												
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)												
Ports	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, 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												
WWAN	None												
Modem	None												
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card												
Ethernet	Realtek® RTL8111F Gigabit Network Connection												
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack												
Security	Power-on password, hard disk password, supervisor password, security keyhole												
Security chip	None												
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor												
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available												

See footnotes for more detailed information
WE model(s) announced April 10, May 22, August 7 or August 28, 2012
US model(s) withdrawn effective December 31, 2013

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(G-GLN1-3) February 2014

ThinkPad Edge E530 3259 (Intel) - T - III - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCle Mini Card WLAN / BT	PCle Mini Card WWAN /mSATA SIM card	Numeric Keypad	Top color	Finger-print reader	Bat-tery cells	Preload	Ann date (mm/yy)
3259-7CG	i7-3612QM	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	Pro 64	05/12
3259-A2G	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	16GB	Numpad	Matte black	Finger	6	Pro 64	06/12

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

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles 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 system²⁰ - 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 (includes password manager function) • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets			
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™ <i>Some:</i> 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot			
mSATA™ SSD				
Widescreen display	15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio			
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator			
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; <i>Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz</i>			
Keyboard	<i>Matte black or Matte red (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad			
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³			
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch			
ThinkLight™	None			
Dimensions ³	<i>Matte black or Matte red (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm			
Weight ²	<i>6-cell:</i> from 5.4 lb (2.45kg);			
Case color	Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom			
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic			
Battery - type ³⁷	Lithium Ion 6-cell			
Battery - life ¹⁰	<i>6-cell (62Whr):</i> up to 7.5 hr			
Chipset	Mobile Intel HM77 Express Chipset			
ExpressCard	None			
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)			
Ports	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			
WWAN	None			
Modem	None			
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Mini Card			
Ethernet	Realtek® RTL8111F Gigabit Network Connection			
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack			
Security	Power-on password, hard disk password, supervisor password, security keyhole			
Security chip	None			
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor			
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available			

Supports ThinkVantage® technologies
65-watt AC adapter EPEAT™ 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

See footnotes for more detailed information

WE model(s) announced May 1 or June 5, 2012

US model(s) withdrawn effective December 31, 2013

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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

ThinkPad Edge E530 3259 (Intel) - T (Win 8) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCle Mini Card WLAN / BT	PCle Mini Card WWAN /mSATA	NUMERIC Keypad	Top color	Finger-print reader	Bat-tery cells	Bat-tery Wh	Preload	Ann date (mm/yy)
3259-LZG	Pen B980	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	None	Numpad	Black	Finger	6 62	Win8 64	10/12
3259-M9G	i7-3632QM	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Black	Finger	6 62	Win8 Pro64	10/12
3259-MBG	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	16GB	None	Numpad	Black	Finger	6 62	Win8 Pro64	10/12
3259-MFG	i3-3110M	4GBx1	15.6" HD+	720p	500G 7200	Intel 2230 + BT	Ericsson	Lenovo	Numpad	Black	Finger	6 48	Win8 64	10/12
3259-MGG	i3-3110M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Red	Finger	6 48	Win8 64	10/12
3259-MHG	i3-3110M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Black	Finger	6 48	Win8 64	10/12
3259-MJG	i3-2328M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Black	Finger	6 48	Win8 64	10/12
3259-MKG	i3-2328M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Black	Finger	6 48	Win8 Pro64	10/12
3259-TFG	i3-3110M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Black	Finger	6 48	Win8 Pro64	10/12

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> Intel® Pentium® B980 processor (2 cores, 2.40GHz, 2MB cache), Intel HD Graphics, DDR3 memory controller (up to 1333MHz) 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 i3-3110M 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 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 - <i>Some:</i> Windows® 8 64-bit - <i>Some:</i> Windows 8 Pro 64-bit Preloaded applications ¹⁴ (only some listed) • Lenovo Support • Lenovo Companion • Lenovo Mobile Access • Lenovo Cloud Storage • Password Manager • Fingerprint Software (fingerprint models) • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Microsoft Office preloaded; purchase a product key to activate • Skype™
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		
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™ <i>Some:</i> 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot		
mSATA™ SSD			
Widescreen display	<i>Some:</i> 15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> 15.6" (396mm) HD+ (1600x900) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator		
Graphics	Intel HD 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; <i>Max external resolution:</i> 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz		
Keyboard TrackPoint®	<i>Matte black or Matte red (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar ¹³		
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch		
ThinkLight™	None		
Dimensions ³	<i>Matte black or Matte red (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm		
Weight ²	<i>6-cell:</i> from 5.4 lb (2.45kg);		
Case color	Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom		
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic		
Battery - type ³⁷	Lithium Ion 6-cell		
Battery - life ¹⁰	<i>6-cell (48Whr):</i> up to 5.5 hr <i>6-cell (62Whr):</i> up to 7.3 hr		
Chipset	Mobile Intel HM77 Express Chipset		
ExpressCard	None		
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)		
Ports	Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		
PCIe Mini Card	Two PCI Express Mini Card slots		
WLAN ⁴	11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2		
WWAN	<i>Some:</i> Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS		
SIM card	<i>Some:</i> Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required		
Modem	None		
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card		
Ethernet	Realtek® RTL8111F Gigabit Network Connection		
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack		
Security	Power-on password, hard disk password, supervisor password, security keyhole		
Security chip	None		
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor		
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available		
Supports ThinkVantage® technologies			
65-watt AC adapter EPEAT™ 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			

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

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ThinkPad Edge E530 3259 (Intel) - Opt (T) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCle Mini Card WLAN / BT	PCle Mini Card WWAN /mSATA	NUMERIC Keypad	Top color	Finger print reader	Bat-tery cells	Preload	Ann date (mm/yy)
3259-BQG	i5-2450M	4GBx1	15.6" HD	720p	750G 5400	Intel 2230 + BT	None	None	Numpad	Matte black	Finger	6 Pro 64	04/12

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

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles 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 system²⁰ - 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 applications¹⁴ (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™ • TrueSuite Fingerprint Software (includes password manager function) • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW)			
mSATA™ SSD	None												
Widescreen display	15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio												
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator												
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 3000 in processor, and NVIDIA GeForce® GT 630M , PCI Express® x16, 2GB memory, DirectX® 11, NVIDIA PureVideo® HD technology, External monitor support via analog VGA DB-15 connector / digital HDMI connector <i>Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz</i>												
Keyboard	<i>Matte black or Matte red (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad												
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³												
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch												
ThinkLight™	None												
Dimensions ³	<i>Matte black or Matte red (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm												
Weight ²	<i>6-cell:</i> from 5.47 lb (2.48kg)												
Case color	Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom												
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic												
Battery - type ³⁷	Lithium Ion 6-cell												
Battery - life ¹⁰	<i>6-cell (48Whr):</i> up to 5.5 hr												
Chipset	Mobile Intel HM77 Express Chipset												
ExpressCard	None												
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)												
Ports	Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)												
PCle 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												
WWAN	None												
Modem	None												
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Mini Card												
Ethernet	Realtek® RTL8111F Gigabit Network Connection												
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack												
Security	Power-on password, hard disk password, supervisor password, security keyhole												
Security chip	None												
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor												
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available												

See footnotes for more detailed information

WE model(s) announced April 10, 2012

US model(s) withdrawn effective December 31, 2013

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Supports ThinkVantage® technologies
90-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

ThinkPad Edge E530 3259 (Intel) - Opt (T) - II - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA SIM card	Numeric Keypad	Top color	Finger-print reader	Bat-tery cells	Bat-tery Wh	Preload	Ann date (mm/yy)
3259-C2G	i7-3612QM	4GBx1	15.6" HD+	720p	750G 5400	Intel 2230 + BT	16GB	None	Numpad	Matte blue	Finger	6 62	Prem 64	05/12
3259-HJG	i5-3210M	4GBx1	15.6" HD+	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6 48	Pro 64	06/12	
3259-A3G	i5-3210M	4GBx1	15.6" HD	720p	750G 5400	Intel 2230 + BT	16GB	None	Numpad	Matte red	Finger	6 62	Prem 64	06/12
3259-A4G	i5-3210M	4GBx1	15.6" HD	720p	750G 5400	Intel 2230 + BT	None	Numpad	Matte black	Finger	6 48	Pro 64	06/12	

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

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles 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 system²⁰ - 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									Ready to install applications¹⁴ (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™ • TrueSuite Fingerprint Software (includes password manager function) • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW)				
mSATA™ SSD	Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot													
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													
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator													
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA GeForce® GT 630M , PCI Express® x16, 2GB memory, DirectX® 11, NVIDIA PureVideo® HD technology, External monitor support via analog VGA DB-15 connector / digital HDMI connector <i>Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz</i>													
Keyboard	<i>Matte black, Matte red or Matte blue (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad													
TrackPoint® Touchpad	TrackPoint pointing device, Internet Scroll Bar ¹³													
ThinkLight™	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch													
Dimensions ³	<i>Matte black, Matte red or Matte blue (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm													
Weight ²	6-cell: from 5.47 lb (2.48kg)													
Case color	Matte black, Matte red or Matte blue (top), trimmed with a thin silver band (side); black bottom													
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic													
Battery - type ³⁷	Lithium Ion 6-cell													
Battery - life ¹⁰	6-cell (48Whr): up to 5.5 hr 6-cell (62Whr): up to 7.3 hr													
Chipset	Mobile Intel HM77 Express Chipset													
ExpressCard	None													
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)													
Ports	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													
WWAN	None													
Modem	None													
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Mini Card													
Ethernet	Realtek® RTL8111F Gigabit Network Connection													
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack													
Security	Power-on password, hard disk password, supervisor password, security keyhole													
Security chip	None													
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor													
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available													

See footnotes for more detailed information

WE model(s) announced May 1 or June 5, 2012

US model(s) withdrawn effective December 31, 2013

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Supports ThinkVantage® technologies

90-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

ThinkPad Edge E530 3259 (Intel) - Opt (T) - Win 8 - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA SIM card	Numeric Keypad	Top color	Finger-print reader	Bat-tery cells	Bat-tery Wh	Preload	Ann date (mm/yy)
3259-M3G	i7-3632QM	4GBx2	15.6" HD+	720p	750G 5400	Intel 2230 + BT	16GB None	Numpad	Black	Finger	6	62	Win8 Pro64	10/12
3259-MAG	i7-3632QM	4GBx2	15.6" HD+	720p	1TB 5400	Intel 2230 + BT	16GB None	Numpad	Blue	Finger	6	62	Win8 64	10/12
3259-MCG	i5-3210M	4GBx1	15.6" HD	720p	750G 5400	Intel 2230 + BT	16GB None	Numpad	Red	Finger	6	62	Win8 64	10/12
3259-MDG	i5-3210M	4GBx1	15.6" HD	720p	750G 5400	Intel 2230 + BT	None None	Numpad	Black	Finger	6	48	Win8 Pro64	10/12
3259-MEG	i5-3210M	4GBx1	15.6" HD+	720p	500G 7200	Intel 2230 + BT	None None	Numpad	Black	Finger	6	48	Win8 Pro64	10/12

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 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® 8 64-bit - Some: Windows 8 Pro 64-bit	
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets		Preloaded applications ¹⁴ (only some listed) • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage • Password Manager • Fingerprint Software (fingerprint models) • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Microsoft Office preloaded; purchase a product key to activate • Skype™	
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™			
mSATA™ SSD	Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot			
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			
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator			
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA GeForce® GT 635M , PCI Express® x16, 2GB 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			
Keyboard	Matte black, Matte red or Matte blue (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad			
TrackPoint® Touchpad ThinkLight™	TrackPoint pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None			
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			
Weight ²	6-cell: from 5.47 lb (2.48kg)			
Case color	Matte black, Matte red or Matte blue (top), trimmed with a thin silver band (side); black bottom			
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic			
Battery - type ³⁷	Lithium Ion 6-cell			
Battery - life ¹⁰	6-cell (48Whr): up to 5.5 hr 6-cell (62Whr): up to 7.3 hr			
Chipset	Mobile Intel HM77 Express Chipset		Supports ThinkVantage® technologies	
ExpressCard	None			
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)			
Ports	Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)			
PCIe Mini Card	Two PCI Express Mini Card slots			
WLAN ⁴	11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2			
WWAN	None			
Modem	None			
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card			
Ethernet	Realtek® RTL8111F Gigabit Network Connection			
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack		90-watt AC adapter EPEAT™ 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	
Security	Power-on password, hard disk password, supervisor password, security keyhole			
Security chip	None			
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor			
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available			

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

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(G-GLN1-9) February 2014

ThinkPad Edge E530 3259 (Intel) - T (DOS) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA SIM card	Numeric Keypad	Top color	Finger-print reader	Bat-tery cells	Ann date (mm/yy)	
3259-HLG	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte black	Finger	6	DOS-Lic. 06/12

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

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles 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		Preloaded operating system ²⁰ - DOS-Lic.
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets		
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™		
mSATA™ SSD	None		
Widescreen display	15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator		
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; <i>Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz</i>		
Keyboard	<i>Matte black or Matte red (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad		
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³		
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch		
ThinkLight™	None		
Dimensions ³	<i>Matte black or Matte red (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm		
Weight ²	6-cell: from 5.4 lb (2.45kg);		
Case color	Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom		
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic		
Battery - type ³⁷	Lithium Ion 6-cell		
Battery - life ¹⁰	6-cell (48Whr): up to 5.7 hr		
Chipset	Mobile Intel HM77 Express Chipset		
ExpressCard	None		
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)		
Ports	Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		
PCle Mini Card	Two PCI Express Mini Card slots		
WLAN ⁴	11b/g/n, PCle Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2		
WWAN	None		
Modem	None		
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCle Mini Card		
Ethernet	Realtek® RTL8111F Gigabit Network Connection		
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack		
Security	Power-on password, hard disk password, supervisor password, security keyhole		
Security chip	None		
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor		
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available		
			Supports ThinkVantage® technologies
			65-watt AC adapter EPEAT™ 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

See footnotes for more detailed information

WE model(s) announced June 5, 2012

US model(s) withdrawn effective December 31, 2013

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(G-GLN1-6) February 2014

ThinkPad Edge E530 6272 (Intel) - T (Win 8) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCle Mini Card WLAN / BT	PCle Mini Card WWAN /mSATA	SIM card	Numeric Keypad	Top color	Finger print reader	Bat-tery cells/Wh	Bat-tery Preload	Ann date (mm/yy)
6272-3MG	i7-3612QM	4GBx1	15.6" HD+	720p	750G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6 48	Win8 Pro64	10/12
6272-3LG	i7-3612QM	4GBx1	15.6" HD+	720p	500G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6 48	Win8 Pro64	10/12
6272-3KG	i5-3210M	4GBx1	15.6" HD+	720p	500G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6 48	Win8 Pro64	10/12
6272-3JG	i3-3110M	4GBx1	15.6" HD+	720p	500G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6 48	Win8 Pro64	10/12
6272-3FG	i7-3612QM	4GBx1	15.6" HD+	720p	500G 7200	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6 62	Win7 Pro64	10/12
6272-37G	i5-3210M	4GBx1	15.6" HD+	720p	750G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6 48	Win7 Pro64	10/12
6272-36G	i5-3210M	4GBx1	15.6" HD+	720p	500G 7200	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6 48	Win7 Pro64	10/12
6272-29G	i7-3632QM	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Black	Fing	6 62	Win7 Pro64	10/12
6272-28G	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	16GB	None	Numpad	Black	Fing	6 62	Win7 Pro64	10/12
6272-27G	i3-3110M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Black	Fing	6 48	Win7 Pro64	10/12
6272-26G	i3-2328M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Black	Fing	6 48	Win7 Pro64	10/12
6272-8HG	i7-3632QM	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Black	Fing	6 48	Win7 Pro64	04/13

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> 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 i3-3110M 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 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 system²⁰ - 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 • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader® - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo Mobile Access • Lenovo Cloud Storage - All models • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate			
Memory	16GB max⁷ / 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													
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™													
mSATA™ SSD	Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot													
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													
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator													
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													
Keyboard TrackPoint®	Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad													
Touchpad TrackPoint	TrackPoint pointing device, Internet Scroll Bar¹³													
ThinkLight™	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch													
None	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	6-cell: from 5.4 lb (2.45kg)													
Case color	Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom													
Case material	Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic													
Battery - type ³⁷	Lithium Ion 6-cell													
Battery - life ¹⁰	6-cell (48Whr): up to 5.7 hr 6-cell (62Whr): up to 7.5 hr													
Chipset	Mobile Intel HM77 Express Chipset													
ExpressCard	None													
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)													
Ports	Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)													
PCle Mini Card WLAN ⁴	Two PCI Express Mini Card slots Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1, Wi-Fi + BT combo adapter Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2, Wi-Fi / BT combo adapter													
WWAN	Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS													
SIM card	Some: Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required													
Modem	None													
Bluetooth™	Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card													
Ethernet	Realtek® RTL8111F Gigabit Network Connection													
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack													
Security	Power-on password, hard disk password, supervisor password, security keyhole													
Security chip	None													
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor													
Limited warranty ¹²	1-year - depot repair service / service upgrades²² available										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			

See footnotes for more detailed information

WE model(s) announced October 23, 2012 or April 16, 2013

US model(s) withdrawn effective December 31, 2013

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(G-GLN1-10) February 2014

ThinkPad Edge E530 6272 (Intel) - T (Win 8) - II - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Card SIM card	Numeric Keypad	Top color	Finger-print reader	Bat-tery cells	Bat-tery /Wh	Preload	Ann date (mm/yy)
6272-6LG	i5-3210M	4GBx1	15.6" HD+	720p	128G SSD	Intel 2230 + BT	None	None	Numpad	Black	Fing	6	48	Win7 Pro64	12/12
6272-6KG	i3-3110M	4GBx1	15.6" HD	720p	128G SSD	Intel 2230 + BT	None	None	Numpad	Black	Fing	6	48	Win7 Pro64	12/12
6272-6JG	i3-3110M	4GBx1	15.6" HD	720p	128G SSD	Intel 2230 + BT	None	None	Numpad	Black	Fing	6	48	Win8 64	12/12
6272-65G	i3-2348M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Black	Fing	6	48	Win8 Pro64	01/13
6272-64G	i3-2348M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Black	Fing	6	48	Win7 Pro64	01/13
6272-63G	i3-2348M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Black	Fing	6	48	Win8 64	01/13

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> 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 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 - <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - <i>Some:</i> Windows 8 64-bit - <i>Some:</i> Windows 8 Pro 64-bit Preloaded applications (only some listed) - Windows 7 models • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader® - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage - All models • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate
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		
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> removable, upgradable		
mSATA™ SSD	None		
Widescreen display	<i>Some:</i> 15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> 15.6" (396mm) HD+ (1600x900) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator		
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; <i>Max external resolution:</i> 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz		
Keyboard TrackPoint® Touchpad ThinkLight™	<i>Matte black or Matte red (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None		
Dimensions ³	<i>Matte black or Matte red (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm		
Weight ²	6-cell: from 5.4 lb (2.45kg)		
Case color	Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom		
Case material	<i>Matte black or Matte red (top):</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic		
Battery - type ³⁷	Lithium Ion 6-cell		
Battery - life ¹⁰	6-cell (48Whr): up to 5.7 hr		
Chipset	Mobile Intel HM77 Express Chipset		
ExpressCard	None		
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)		
Ports	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, 2x2, Wi-Fi / BT combo adapter		
WWAN	None		
SIM card	None		
Modem	None		
Bluetooth™	Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card		
Ethernet	Realtek® RTL8111F Gigabit Network Connection		
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack		
Security	Power-on password, hard disk password, supervisor password, security keyhole		
Security chip	None		
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor		
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available		

| 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 | | |

See footnotes for more detailed information

WE model(s) announced December 4, 2012 or January 1, 2013

US model(s) withdrawn effective December 31, 2013

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(G-GLN1-13) February 2014

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

ThinkPad Edge E530 6272 (Intel) - Opt (T) - Win 8 - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	SIM card	Numeric Keypad	Top color	Finger print reader	Bat- tery cells	Bat- tery /Wh	Preload	Ann date (mm/yy)
6272-3HG	i7-3612QM	4GBx2	15.6" HD+	720p	750G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6	62	Win7 Pro64	10/12
6272-3GG	i7-3612QM	4GBx1	15.6" HD+	720p	500G 7200	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6	62	Win7 Pro64	10/12
6272-3AG	i5-3210M	8GBx1	15.6" HD+	720p	750G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6	48	Win7 Pro64	10/12
6272-39G	i5-3210M	4GBx1	15.6" HD+	720p	750G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6	48	Win7 Pro64	10/12
6272-38G	i5-3210M	4GBx1	15.6" HD+	720p	500G 7200	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6	48	Win7 Pro64	10/12

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 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										Preloaded operating system²⁰ - 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										Ready to install applications¹⁴ (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™ • TrueSuite Fingerprint Software (includes password manager function) • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) • Microsoft Office preloaded; purchase a product key to activate				
mSATA™ SSD	None														
Widescreen display	<i>Some:</i> 15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> 15.6" (396mm) HD+ (1600x900) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio														
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator														
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 <i>Max external resolution: 2048x1536 (VGA) @75Hz; 1920x1200 (HDMI) @60Hz</i>														
Keyboard	<i>Matte black, Matte red or Matte blue (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad														
TrackPoint® Touchpad	TrackPoint pointing device, Internet Scroll Bar ¹³														
ThinkLight™	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch														
Dimensions ³	<i>Matte black, Matte red or Matte blue (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm														
Weight ²	<i>6-cell:</i> from 5.47 lb (2.48kg)														
Case color	Matte black, Matte red or Matte blue (top), trimmed with a thin silver band (side); black bottom														
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic														
Battery - type ³⁷	Lithium Ion 6-cell														
Battery - life ¹⁰	<i>6-cell (48Whr):</i> up to 5.5 hr <i>6-cell (62Whr):</i> up to 7.3 hr														
Chipset	Mobile Intel HM77 Express Chipset														
ExpressCard	None														
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)														
Ports	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														
WWAN	11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1, Wi-Fi + BT combo adapter Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS														
SIM card	Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required														
Modem	None														
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card														
Ethernet	Realtek® RTL8111F Gigabit Network Connection														
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack														
Security	Power-on password, hard disk password, supervisor password, security keyhole														
Security chip	None														
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor														
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available														

See footnotes for more detailed information

WE model(s) announced October 23, 2012

US model(s) withdrawn effective December 31, 2013

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(G-GLN1-11) February 2014

ThinkPad Edge E530 6272 (Intel) - Opt (T) - Win 8 - II - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	SIM card	Numeric Keypad	Top color	Finger print reader	Bat- tery cells	Bat- tery /Wh	Preload	Ann date (mm/yy)
6272-4QG	i7-3632QM	4GBx2	15.6" HD+	720p	750G 5400	Intel 2230 + BT	16GB	None	Numpad	Black	Fing	6	62	Win7 Pro64	10/12
6272-4AG	i5-3210M	4GBx1	15.6" HD+	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Black	Fing	6	48	Win7 Pro64	10/12
6272-49G	i5-3210M	4GBx1	15.6" HD	720p	750G 5400	Intel 2230 + BT	None	None	Numpad	Black	Fing	6	48	Win7 Pro64	10/12
6272-3QG	i7-3632QM	4GBx2	15.6" HD+	720p	750G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6	48	Win8 Pro64	10/12
6272-3PG	i7-3612QM	4GBx2	15.6" HD+	720p	750G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6	48	Win8 Pro64	10/12
6272-3NG	i7-3612QM	4GBx1	15.6" HD+	720p	750G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6	48	Win8 Pro64	10/12
6272-3EG	i7-3632QM	4GBx1	15.6" HD+	720p	500G 7200	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6	48	Win7 Pro64	10/12
6272-3DG	i7-3632QM	4GBx1	15.6" HD+	720p	750G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6	48	Win7 Pro64	10/12
6272-3CG	i7-3632QM	8GBx1	15.6" HD+	720p	750G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6	48	Win7 Pro64	10/12
6272-3BG	i5-3210M	8GBx1	15.6" HD+	720p	750G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6	48	Win7 Pro64	10/12
6272-34G	i7-3632QM	4GBx1	15.6" HD	720p	750G 5400	TP 11b/g/n + BT	None	None	Numpad	Black	Fing	6	48	Win7 Pro64	10/12
6272-33G	i7-3632QM	4GBx2	15.6" HD+	720p	750G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6	62	Win7 Pro64	10/12
6272-32G	i7-3612QM	4GBx2	15.6" HD+	720p	750G 5400	TP 11b/g/n + BT	Ericsson	Lenovo	Numpad	Black	Fing	6	62	Win7 Pro64	10/12

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 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				
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets										Preloaded applications (only some listed) - Windows 7 models • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader®				
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 8 models • Lenovo Support • Lenovo Companion • Lenovo Mobile Access • Lenovo Cloud Storage				
mSATA™ SSD	Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot										- All models • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate				
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														
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator														
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA GeForce® GT 635M, PCI Express® x16, 2GB 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														
Keyboard	Matte black, Matte red or Matte blue (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad														
TrackPoint® Touchpad ThinkLight™	TrackPoint pointing device, Internet Scroll Bar ¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None														
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														
Weight ²	6-cell: from 5.47 lb (2.48kg)														
Case color	Matte black, Matte red or Matte blue (top), trimmed with a thin silver band (side); black bottom														
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic														
Battery - type ³⁷	Lithium Ion 6-cell														
Battery - life ¹⁰	6-cell (48Whr): up to 5.5 hr 6-cell (62Whr): up to 7.3 hr														
Chipset	Mobile Intel HM77 Express Chipset														
ExpressCard	None														
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)														
Ports	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, Wi-Fi + BT combo adapter Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2, Wi-Fi / BT combo adapter														
WWAN	Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS														
SIM card	Some: Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required														
Modem	None														
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card														
Ethernet	Realtek® RTL8111F Gigabit Network Connection														
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack														
Security	Power-on password, hard disk password, supervisor password, security keyhole														
Security chip	None														
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor														
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available														

See footnotes for more detailed information

WE model(s) announced October 23, 2012

US model(s) withdrawn effective December 31, 2013

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Supports ThinkVantage® technologies
90-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

ThinkPad Edge E530c 3366 (Intel) - T (Win 8) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ³ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Numeric Keypad	Top color	Micro-phone	Finger-print reader	Bat-tery cells	Preload	Ann date (mm/yy)
3366-3FG	B960	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Black textured	Stereo	None	6	Win8 64	11/12
3366-4CG	B960	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Black textured	Mono	None	6	Win8 64	12/12
3366-3WG	i3-2348M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Black textured	Mono	None	6	DOS-Lic.	01/13
3366-3VG	i3-2348M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Black textured	Mono	None	6	Win8 64	01/13
3366-3UG	i3-2348M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Black textured	Mono	None	6	Win8 Pro64	01/13
3366-3TG	i5-2520M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Black textured	Mono	None	6	DOS-Lic.	12/12
3366-3SG	i5-2520M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Black textured	Mono	None	6	Win8 64	12/12
3366-3RG	i5-2520M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Black textured	Mono	None	6	Win8 Pro64	12/12
3366-53G	i3-3120M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Mono	None	6	Win8 64	01/13
3366-52G	i3-3120M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Mono	None	6	DOS-Lic.	01/13
3366-4ZG	i3-3120M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Mono	None	6	Win8 Pro64	01/13
3366-6CG	B960	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Stereo	None	6	Win8 64	03/13
3366-6FG	i3-2348M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Stereo	None	6	DOS-Lic.	04/13
3366-7MG	i7-3632QM	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Stereo	None	6	Win7 Pro64	06/13
3366-7LG	i7-3632QM	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Stereo	None	6	Win8 64	06/13

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> Intel® Pentium® B960 processor (2 cores, 2.20GHz, 2MB cache), Intel HD Graphics, DDR3 memory controller (up to 1333MHz) 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 i3-3120M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-2520M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.20GHz), 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 system²⁰ - Some: DOS-Lic. - 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, exclude DOS models) - Windows 7 models • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader® - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage - All models (exclude DOS models) • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Skype™				
Memory	16GB max⁷ / 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													
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™													
mSATA™ SSD	None													
Widescreen display	15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio													
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator													
Graphics	Intel HD 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													
Keyboard	Black textured (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad													
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar¹³													
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch													
ThinkLight™	None													
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	6-cell: from 5.4 lb (2.45kg)													
Case color	Black textured (top); black bottom													
Case material	Black textured (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic													
Battery - type ³⁷	Lithium Ion 6-cell													
Battery - life ¹⁰	6-cell (48Whr): up to 5.7 hr													
Chipset	Mobile Intel HM77 Express Chipset													
ExpressCard	None													
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)													
Ports	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													
WWAN	None													
Modem	None													
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card													
Ethernet	Realtek® RTL8111F Gigabit Network Connection													
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone or Mono digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole													
Security	None													
Security chip	None													
Fingerprint reader	None													
Limited warranty ¹²	1-year - depot repair service / service upgrades²² available									Supports ThinkVantage® technologies 65-watt AC adapter EPEAT™ Gold rating (exclude DOS models) ENERGY STAR® 5.0-compliant (exclude DOS models) RoHS-compliant International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free support during the warranty period¹²				

See footnotes for more detailed information

WE model(s) announced November 6, December 18, 2012 or January 15, March 19, April 16, June 25, 2013

US model(s) withdrawn effective December 31, 2013

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(G-GLN1c-1) February 2013

ThinkPad Edge E530c 3366 (Intel) - T (Win 8) - II - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ^a rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN / mSATA	Numeric Keypad	Top color	Micro-phone	Finger print reader	Battery cells	Preload	Ann date (mm/yy)
3366-69G	i5-3230M	4GBx1	15.6" HD	720p	1TB 5400	TP 11a/b/g/n + BT	None	Numpad	Black textured	Stereo	None	6	Win7 Pro64	02/13
3366-68G	i3-2348M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Stereo	None	6	Win8 64	02/13
3366-67G	1000M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Stereo	None	6	DOS-Lic.	02/13
3366-66G	1000M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Stereo	None	6	Win8 64	02/13
3366-65G	i3-3120M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Stereo	None	6	Win7 Pro64	02/13
3366-3EG	1000M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Black textured	Mono	None	6	Win8 64	02/13
3366-74G	i3-3110M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Stereo	None	6	Win7 Pro64	05/13
3366-73G	i3-3110M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Stereo	None	6	Win8 64	05/13
3366-72G	2020M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Stereo	None	6	Win8 64	05/13
3366-6ZG	i3-3110M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Stereo	None	6	DOS-Lic.	05/13
3366-9EG	i3-3110M	4GBx1	15.6" HD	720p	500G 5400	TP 11a/b/g/n + BT	None	Numpad	Black textured	Stereo	None	6	Win8 64	09/13
3366-9DG	1005M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	Stereo	None	6	Win8 64	09/13

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> Intel® Celeron® 1000M processor (2 cores, 1.80GHz, 2MB cache), Intel HD Graphics, DDR3 memory controller (up to 1600MHz) Intel Celeron 1005M processor (2 cores, 1.90GHz, 2MB cache), Intel HD Graphics, DDR3 memory controller (up to 1600MHz) Intel Pentium® 2020M Processor (2 cores, 2.40 GHz, 2MB Cache), Intel HD Graphics, DDR3 memory controller (up to 1600MHz) 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 i3-3110M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology 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 i5-3230M 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			Preloaded operating system²⁰ - <i>Some:</i> DOS-Lic. - <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - <i>Some:</i> Windows 8 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			Preloaded applications (only some listed, exclude DOS models) - Windows 7 models • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader®		
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 8 models • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage		
mSATA™ SSD	None			- All models (exclude DOS models) • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate		
Widescreen display	15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio					
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator					
Graphics	Intel HD 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; <i>Max external resolution: 2048x1536 (VGA) @75Hz; 1920x1200 (HDMI) @60Hz</i>					
Keyboard	<i>Black textured (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad					
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³					
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch					
ThinkLight™	None					
Dimensions ³	<i>Black textured (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm					
Weight ²	<i>6-cell:</i> from 5.4 lb (2.45kg)					
Case color	Black textured (top); black bottom					
Case material	<i>Black textured (top):</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic					
Battery - type ³⁷	Lithium Ion 6-cell					
Battery - life ¹⁰	<i>6-cell (48Whr):</i> up to 5.7 hr					
Chipset	Mobile Intel HM77 Express Chipset					
ExpressCard	None					
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)					
Ports	Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)					
PCIe Mini Card	Two PCI Express Mini Card slots					
WLAN ⁴	<i>Some:</i> 11a/b/g/n, PCIe Half Mini Card, ThinkPad 11a/b/g/n, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2					
WWAN	None			Supports ThinkVantage® technologies		
Modem	None					
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card			65-watt AC adapter		
Ethernet	Realtek® RTL8111F Gigabit Network Connection			EPEAT™ Gold rating (exclude DOS models)		
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone or Mono digital microphone, combo audio/mic jack			ENERGY STAR® 5.0-compliant (exclude DOS models)		
Security	Power-on password, hard disk password, supervisor password, security keyhole			RoHS-compliant		
Security chip	None			International Warranty Service ¹⁷		
Fingerprint reader	None			24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²		
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available					

See footnotes for more detailed information

WE model(s) announced February 5, February 19, May 21 or September 17, 2013

US model(s) withdrawn effective December 31, 2013

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ThinkPad Edge E535 3260 (AMD) - T - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCle Mini Card WLAN / BT	PCle Mini Card WWAN / mSATA	Numeric Keypad	Top color	Finger print reader	Battery cells	Preload	Ann date (mm/yy)
3260-5AG	A6-4400M	4GBx1	15.6" HD	720p	750G 5400	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Prem 64	06/12
3260-5BG	A8-4500M	4GBx1	15.6" HD	720p	750G 5400	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Prem 64	06/12
3260-5VG	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Pro 64	06/12
3260-7AG	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	None	06/12
3260-A8G	A6-4400M	4GBx1	15.6" HD Glos	720p	750G 5400	TP 11b/g/n + BT	None	Numpad	Matte red	Finger	6	Prem 64	06/12
3260-6QG	A4-4300M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Pro 64	07/12
3260-6TG	A4-4300M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Prem 64	07/12
3260-EMG	A8-4500M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	DOS-Lic.	10/12

• Small and medium business (SMB) model(s), part of the WE TopSeller™ 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)			Preloaded operating system ²⁰ - <i>Some</i> : No operating system - <i>Some</i> : DOS-Lic. - <i>Some</i> : Genuine Windows® 7 Home Premium 64 - <i>Some</i> : Genuine Windows 7 Professional 64 Ready to install applications ¹⁴ (Windows 7 models; only some listed) • One Key Recovery Pro Preloaded applications ¹⁴ (Windows 7 models; only some listed) • Access Connections™ • TrueSuite Fingerprint Software (includes password manager function) • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets			
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™			
mSATA™ SSD	None			
Widescreen display	<i>Some: 15.6"</i> (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some: 15.6"</i> (396mm) HD (1366x768) color , VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio			
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator			
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; <i>Max external resolution: 1920x1600 (VGA) @60Hz; 1920x1200 (HDMI) @60Hz</i>			
Keyboard TrackPoint®	<i>Matte black or Matte red (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad			
Touchpad	TrackPoint pointing device, Internet Scroll Bar ¹³			
ThinkLight™	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch			
Dimensions ³	<i>Matte black or Matte red (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm			
Weight ²	<i>6-cell:</i> from 5.4 lb (2.45kg)			
Case color	<i>Matte black or Matte red (top),</i> trimmed with a thin silver band (side); black bottom			
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic			
Battery - type ³⁷	Lithium Ion 6-cell			
Battery - life ¹⁰	<i>6-cell (48Whr):</i> up to 6.0 hr			
Chipset	AMD A70M FCH			
ExpressCard	None			
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)			
Ports	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			
WWAN	11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1			
Modem	None			
Bluetooth™	Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card			
Ethernet	Realtek® RTL8111F Gigabit Network Connection			
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack			
Security	Power-on password, hard disk password, supervisor password, security keyhole			
Security chip	None			
Fingerprint reader	AuthenTec fingerprint reader on palm rest, swipe sensor			
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available			

Supports ThinkVantage® technologies
65-watt AC adapter EPEAT™ Gold rating (Windows 7 models) ENERGY STAR® 5.0-compliant (Windows 7 models) RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²

See footnotes for more detailed information

WE model(s) announced June 19, July 24 or October 16, 2012

US model(s) withdrawn effective December 31, 2013

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Supports ThinkVantage® technologies

65-watt AC adapter
EPEAT™ Gold rating
(Windows 7 models)
ENERGY STAR® 5.0-compliant
(Windows 7 models)
RoHS-compliant
International Warranty Service¹⁷
24 hour x 7 day¹⁸ toll-free support during the warranty period¹²

ThinkPad Edge E535 3260 (AMD) - T (Win 8) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCle Mini Card WLAN / BT	PCle Mini Card WWAN /mSATA	Numeric Keypad	Top color	Micro-phone	Finger-print reader	Bat-tery cells	Preload	Ann date (mm/yy)
3260-EHG	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	Finger	6	Win8 64	10/12
3260-EGG	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	Finger	6	Win8 Pro64	10/12
3260-ECG	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	Finger	6	Win7 Pro64	10/12
3260-EBG	A4-4300M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	Finger	6	Win7 Pro64	10/12
3260-DVG	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	Finger	6	Win8 Pro64	10/12
3260-DUG	A6-4400M	4GBx1	15.6" HD	720p	750G 5400	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	Finger	6	Win8 64	10/12
3260-DTG	A4-4300M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	Finger	6	Win8 Pro64	10/12
3260-DSG	A4-4300M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	Finger	6	Win8 64	10/12
3260-EUG	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	Finger	6	Win7 Pro64	11/12
3260-ETG	A8-4500M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n + BT	None	Numpad	Black textured	Mono	None	6	DOS-Lic.	12/12
3260-ESG	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Black textured	Mono	None	6	Win8 64	12/12
3260-ERG	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Black textured	Mono	None	6	Win8 Pro64	12/12
3260-FWG	A8-4500M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	None	6	DOS-Lic.	07/13
3260-FUG	A4-4300M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	None	6	Win7 Pro64	07/13
3260-FSG	A6-4400M	4GBx1	15.6" HD	720p	750G 5400	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	None	6	Win8 64	07/13
3260-FQG	A4-4300M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	None	6	Win8 64	07/13
3260-FPG	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	None	6	None	07/13
3260-FLG	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Stereo	None	6	Win7 Pro64	07/13

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> 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)		Preloaded operating system ²⁰ - <i>Some:</i> No operating system - <i>Some:</i> DOS-Lic. - <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - <i>Some:</i> Windows 8 64-bit - <i>Some:</i> Windows 8 Pro 64-bit	
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets		Preloaded applications (only some listed) - Windows 7 models • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader® - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage - All models (exclude DOS and No OS models) • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate	
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™		Supports ThinkVantage® technologies	
mSATA™ SSD	None			
Widescreen display	15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio		65-watt AC adapter EPEAT™ Gold rating (exclude DOS and No OS models) ENERGY STAR® 5.0-compliant (exclude DOS and No OS models) RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²	
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator			
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; <i>Max external resolution: 1920x1600 (VGA)@60Hz; 1920x1200 (HDMI)@60Hz</i>			
Keyboard	<i>Matte black or Matte red (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad <i>Black textured (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad			
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³			
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch			
ThinkLight™	None			
Dimensions ³	<i>Matte black or Matte red (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm <i>Black textured (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm			
Weight ²	6-cell: from 5.4 lb (2.45kg)			
Case color	<i>Matte black or Matte red (top):</i> trimmed with a thin silver band (side); black bottom <i>Black textured (top):</i> black bottom			
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic			
Battery - type ³⁷	Lithium Ion 6-cell			
Battery - life ¹⁰	6-cell (48Whr): up to 6.0 hr			
Chipset	AMD A70M FCH			
ExpressCard	None			
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)			
Ports	Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)			
PCle Mini Card	One PCI Express Mini Card slot			
WLAN ⁴	11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1			
WWAN	None			
Modem	None			
Bluetooth™	Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card			
Ethernet	Realtek® RTL8111F Gigabit Network Connection			
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2 / Stereo digital microphone or Mono digital microphone, combo audio/mic jack			
Security	Power-on password, hard disk password, supervisor password, security keyhole			
Security chip	None			
Fingerprint reader	<i>Some:</i> AuthenTec fingerprint reader on palm rest, swipe sensor			
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available			

See footnotes for more detailed information

WE model(s) announced October 23, November 6, December 18, 2012 or July 16, 2013

US model(s) withdrawn effective December 31, 2013

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ThinkPad Edge E535 3260 (AMD) - S (T) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCle Mini Card WLAN / BT	PCle Mini Card WWAN /mSATA	Numeric Keypad	Top color	Finger-print reader	Bat-tery cells	Preload	Ann date (mm/yy)
3260-8KG	A8-4500M	4GBx1	15.6" HD	720p	750G 5400	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Prem 64	06/12
3260-ELG	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	DOS-Lic.	10/12

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

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles 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)			Preloaded operating system ²⁰ - Some: DOS-Lic. - Some: Genuine Windows® 7 Home Premium 64 Ready to install applications ¹⁴ (only some listed) • One Key Recovery Pro Preloaded applications ¹⁴ (only some listed) • Access Connections™ • TrueSuite Fingerprint Software (includes password manager function) • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets			
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™			
mSATA™ SSD	None			
Widescreen display	15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio			
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator			
Graphics	Dynamic switching between discrete and integrated graphics (user selectable), AMD Radeon HD Graphics in processor, and AMD Radeon HD 7670M Graphics , PCI Express® x16, 1GB memory, 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; <i>Max external resolution: 1920x1600 (VGA) @60Hz; 1920x1200 (HDMI) @60Hz</i>			
Keyboard	<i>Matte black or Matte red (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad <i>Black aluminum (top):</i> 6-row, spill-resistant, multimedia Fn keys			
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³			
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch			
ThinkLight™	None			
Dimensions ³	<i>Matte black or Matte red (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm <i>Black aluminum (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.12-1.35"; 377 x 245mm x 28.5-34.3mm			
Weight ²	<i>6-cell:</i> from 5.4 lb (2.48kg)			
Case color	<i>Some:</i> Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom <i>Some:</i> Black aluminum (top); black bottom			
Case material	<i>Matte black or Matte red (top):</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic <i>Black aluminum (top):</i> Aluminum			
Battery - type ³⁷	Lithium Ion 6-cell			
Battery - life ¹⁰	<i>6-cell (48Whr):</i> up to 5.7 hr			
Chipset	AMD A70M FCH			
ExpressCard	None			
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)			
Ports	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			
WWAN	11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1			
Modem	None			
Bluetooth™	Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card			
Ethernet	Realtek® RTL8111F Gigabit Network Connection			
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack			
Security	Power-on password, hard disk password, supervisor password, security keyhole			
Security chip	None			
Fingerprint reader	AuthenTec fingerprint reader on palm rest, swipe sensor			
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available			

Supports ThinkVantage® technologies
90-watt AC adapter EPEAT™ Gold rating (Windows 7 models) ENERGY STAR® 5.0-compliant (Windows 7 models) RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²

See footnotes for more detailed information
WE model(s) announced June 19 or October 16, 2012
US model(s) withdrawn effective December 31, 2013

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ThinkPad Edge E535 3260 (AMD) - S (T) - Win 8 - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Numeric Keypad	Top color	Finger-print reader	Bat-tery cells	Preload	Ann date (mm/yy)
3260-DWG	A8-4500M	4GBx1	15.6" HD	720p	750G 5400	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win8 64	10/12
3260-FVG	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	None	6	DOS-Lic.	07/13
3260-FTG	A8-4500M	4GBx1	15.6" HD	720p	750G 5400	TP 11b/g/n + BT	None	Numpad	Matte black	None	6	Win8 64	07/13

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles 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)		Preloaded operating system ²⁰ - <i>Some:</i> DOS-Lic. - <i>Some:</i> Windows 8 64-bit Preloaded applications ¹⁴ (only some listed, exclude DOS models) • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage • Password Manager • Fingerprint Software (fingerprint models) • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Microsoft Office preloaded; purchase a product key to activate • Skype™
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets		
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™		
mSATA™ SSD	None		
Widescreen display	15.6" (396mm) HD (1366x768) color , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator		
Graphics	Dynamic switching between discrete and integrated graphics (user selectable), AMD Radeon HD Graphics in processor, and AMD Radeon HD 7670M Graphics , PCI Express® x16, 1GB memory, 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; <i>Max external resolution: 1920x1600 (VGA) @60Hz; 1920x1200 (HDMI) @60Hz</i>		
Keyboard	<i>Matte black or Matte red (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad <i>Black aluminum (top):</i> 6-row, spill-resistant, multimedia Fn keys		
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar ¹³		
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch		
ThinkLight™	None		
Dimensions ³	<i>Matte black or Matte red (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm <i>Black aluminum (top):</i> 15.6W" (WxDxH): 14.84" x 9.65" x 1.12-1.35"; 377 x 245mm x 28.5-34.3mm		
Weight ²	<i>6-cell:</i> from 5.4 lb (2.48kg)		
Case color	<i>Some:</i> Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom <i>Some:</i> Black aluminum (top); black bottom		
Case material	<i>Matte black or Matte red (top):</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic <i>Black aluminum (top):</i> Aluminum		
Battery - type ³⁷	Lithium Ion 6-cell		
Battery - life ¹⁰	<i>6-cell (48Whr):</i> up to 5.7 hr		
Chipset	AMD A70M FCH		
ExpressCard	None		
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)		
Ports	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		
WLAN ⁴	11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1		
WWAN	None		
Modem	None		
Bluetooth™	Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card		
Ethernet	Realtek® RTL8111F Gigabit Network Connection		
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack		
Security	Power-on password, hard disk password, supervisor password, security keyhole		
Security chip	None		
Fingerprint reader	<i>Some:</i> AuthenTec fingerprint reader on palm rest, swipe sensor		
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available		

Supports ThinkVantage® technologies
90-watt AC adapter EPEAT™ Gold rating (exclude DOS models) ENERGY STAR® 5.0-compliant (exclude DOS models) RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²

See footnotes for more detailed information
WE model(s) announced October 23, 2012 or July 16, 2013
US model(s) withdrawn effective December 31, 2013

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