



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2013 to present - withdrawn*

*January 2014 - Version 449*



ThinkPad Edge E530

ThinkPad®



Lenovo® ThinkPad Edge E430



Lenovo ThinkPad Edge E430



Lenovo ThinkPad Edge E430



Lenovo ThinkPad Edge E430



Lenovo ThinkPad Edge E430c



Lenovo ThinkPad Edge E430

# ThinkPad® Edge E430 3254 (Intel) - TopSeller - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>5</sup> rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Carrier	Top color	Finger print reader	Battery cells	Preload	Ann date (mm/yy)
3254-DNU	i3-2350M	4GBx1	14.0" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black aluminum	Finger	6	Pro 64	04/12
3254-AHU	i5-2450M	4+2GB	14.0" HD Glos	720p	500G 5400	TP 11b/g/n + BT	None	None	Matte black	Finger	6	Prem 64	04/12
3254-AGU	i3-2350M	4+2GB	14.0" HD Glos	720p	500G 5400	TP 11b/g/n + BT	None	None	Matte black	Finger	6	Prem 64	04/12
3254-AFU	i3-2350M	2GBx1	14.0" HD Glos	720p	320G 5400	TP 11b/g/n	None	None	Matte black		6	Prem 64	04/12
3254-AEU	i5-2450M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	None	Matte black	Finger	6	Pro 64	04/12
3254-ADU	i3-2350M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	None	Matte black	Finger	6	Pro 64	04/12
3254-ACU	i3-2350M	4GBx1	14.0" HD	720p	320G 7200	TP 11b/g/n	None	None	Matte black		6	Pro 64	04/12
3254-AMU	i5-2450M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	16GB	None	Black aluminum	Finger	6	Pro 64	04/12
3254-ALU	i3-2350M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black aluminum	Finger	6	Pro 64	04/12
3254-HJU	i5-2450M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black aluminum	Finger	6	Pro 64	05/12

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

Positioning Processor	<p><i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i>  <b>Intel® Core™ i3-2350M processor (dual-core, 2.30GHz, 3MB Cache),</b>                      DDR3 memory controller (up to 1333MHz), HT technology  <b>Intel Core i5-2450M processor (dual-core, 2.50GHz, 3MB Cache),</b>                      DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology</p>									<p><b>Preloaded operating system<sup>20</sup></b>                      - Some: Genuine Windows® 7 Home Premium 64                      - Some: Genuine Windows 7 Professional 64</p>			
Memory	<p>16GB max<sup>7</sup> / 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</p>									<p><b>Ready to install applications<sup>14</sup></b> (only some listed)                      • One Key Recovery Pro</p>			
Optical SATA disk	<p>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™</p>									<p><b>Preloaded applications<sup>14</sup></b> (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)</p>			
mSATA™ SSD	<p>Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot</p>												
Widescreen display	<p>Some: <b>14.0"</b> (355mm) <b>HD (1366x768) color</b>, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio                      Some: <b>14.0"</b> (355mm) <b>HD (1366x768) color</b>, VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio</p>												
Camera	<p>HD720p resolution, face track, low light sensitive, fixed focus, LED indicator</p>												
Graphics	<p><b>Intel HD Graphics 3000</b> 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</p>												
Keyboard TrackPoint® Touchpad ThinkLight™	<p>6-row, spill-resistant, multimedia Fn keys                      TrackPoint pointing device, Internet Scroll Bar<sup>13</sup>                      UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch                      None</p>												
Dimensions <sup>3</sup>	<p><i>Matte black or Matte red (top):</i> 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33";                      339.4 x 234mm x 28.5-33.9mm  <i>Black aluminum (top):</i> 14.0W" (WxDxH): 13.36" x 9.21" x 1.08-1.29";                      339.4 x 234mm x 27.4-32.8mm</p>												
Weight <sup>2</sup>	<p>6-cell: from 4.74 lb (2.15kg)</p>												
Case color	<p>Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom                      Some: Black aluminum (top); black bottom</p>												
Case material	<p><i>Matte black or Matte red (top):</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic  <i>Black aluminum (top):</i> Aluminum</p>												
Battery - type <sup>37</sup>	<p>Lithium Ion 6-cell</p>												
Battery - life <sup>10</sup>	<p>6-cell (48Whr): up to 6.4 hr</p>												
Chipset ExpressCard Multicard Reader Ports	<p><b>Mobile Intel HM77 Express Chipset</b>                      None                      4-in-1 reader (MMC, SD, SDHC, SDXC)                      Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)</p>												
PCIe Mini Card WLAN <sup>4</sup>	<p>Two PCI Express Mini Card slots                      Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1                      Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1                      Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2</p>									<p>Supports ThinkVantage® technologies</p>			
WWAN Modem Bluetooth™ Ethernet Audio support	<p>None                      None                      Some: Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card                      Realtek® RTL8111F Gigabit Network Connection                      High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/                      Stereo digital microphone, combo audio/mic jack</p>									<p>65-watt AC adapter                      EPEAT™ Gold rating                      ENERGY STAR® 5.0-compliant                      RoHS-compliant                      International Warranty Service<sup>17</sup>                      24 hour x 7 day<sup>18</sup> toll-free support during the warranty period<sup>12</sup></p>			
Security Security chip Fingerprint reader	<p>Power-on password, hard disk password, supervisor password, security keyhole                      None                      Some: UPEK Fingerprint reader on palm rest, swipe sensor</p>									<p>For compatible accessories, please go to O-E430 sheet;                      For Lenovo<sup>22</sup> service upgrade options, please go to S-EDGE sheet</p>			
Limited warranty <sup>12</sup>	<p><b>1-year</b> - depot repair service / service upgrades<sup>22</sup> available</p>												

See footnotes for more detailed information  
 US model(s) announced April 10 or May 22, 2012  
 US model(s) withdrawn effective July 2013

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 (LEE1-1) December 2013

# ThinkPad® Edge E430 3254 (Intel) - TopSeller - II - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>3</sup> rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Top color	Finger print reader	Battery cells	Battery /Wh	Preload	Ann date (mm/yy)
3254-HKU	i7-3612QM	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Black aluminum	Finger	6	62	Pro 64	05/12
3254-GLU	i5-3210M	4+2GB	14.0" HD Glos	720p	750G 5400	Intel 2230 + BT	None	Black aluminum	Finger	6	48	Pro 64	06/12
3254-GKU	i5-3210M	4+2GB	14.0" HD Glos	720p	500G 7200	Intel 2230 + BT	None	Black aluminum	Finger	6	48	Pro 64	06/12
3254-GJU	i5-3210M	4GBx1	14.0" HD Glos	720p	500G 7200	Intel 2230 + BT	None	Black aluminum	Finger	6	48	Prem 64	06/12
3254-AKU	i5-3210M	4+2GB	14.0" HD Glos	720p	500G 5400	TP 11b/g/n + BT	None	Matte black	Finger	6	48	Prem 64	06/12
3254-AJU	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Pro 64	06/12
3254-ANU	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Black aluminum	Finger	6	48	Pro 64	06/12
3254-LWU	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	16GB	Black aluminum	Finger	6	62	Pro 64	06/12
3254-HMU	i3-3110M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Black aluminum	Finger	6	48	Pro 64	06/12
3254-HLU	i3-3110M	4GBx1	14.0" HD	720p	320G 7200	TP 11b/g/n	None	Matte black	None	6	48	Pro 64	06/12
3254-TNU	i3-3110M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Pro 64	07/12

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

Positioning	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i>								<b>Preloaded operating system<sup>20</sup></b>				
Processor	<b>Intel® Core™ i3-3110M processor (dual-core, 2.40GHz, 3MB Cache),</b> DDR3 memory controller (up to 1600MHz), HT technology <b>Intel Core i5-3210M processor (dual-core, 2.50GHz, 3MB Cache),</b> DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology <b>Intel Core i7-3612QM processor (quad-core, 2.10GHz, 6MB Cache),</b> DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology								- Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64				
Memory	16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets								<b>Ready to install applications<sup>14</sup></b> (only some listed) • One Key Recovery Pro				
Optical	DVD burner, 12.7mm high, fixed, not removable, tray-in								<b>Preloaded applications<sup>14</sup></b> (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)				
SATA disk	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: <b>14.0"</b> (355mm) <b>HD (1366x768) color</b> , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: <b>14.0"</b> (355mm) <b>HD (1366x768) color</b> , VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio												
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator												
Graphics	<b>Intel HD Graphics 4000</b> 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 <sup>13</sup>												
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch												
ThinkLight™	None												
Dimensions <sup>3</sup>	Matte black or Matte red (top): 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33"; 339.4 x 234mm x 28.5-33.9mm Black aluminum (top): 14.0W" (WxDxH): 13.36" x 9.21" x 1.08-1.29"; 339.4 x 234mm x 27.4-32.8mm												
Weight <sup>2</sup>	6-cell: from 4.74 lb (2.15kg)												
Case color	Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom												
	Some: Black aluminum (top); black bottom												
Case material	Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Black aluminum (top): Aluminum												
Battery - type <sup>37</sup>	Lithium Ion 6-cell												
Battery - life <sup>10</sup>	6-cell (48Whr): up to 6.4 hr												
	6-cell (62Whr): up to 8.4 hr												
Chipset	<b>Mobile Intel HM77 Express Chipset</b>												
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 <sup>4</sup>	Two PCI Express Mini Card slots Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1 Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2								Supports ThinkVantage® technologies				
WWAN Modem	None								65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>				
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								For compatible accessories, please go to O-E430 sheet;				
Security chip	None												
Fingerprint reader	Some: UPEK Fingerprint reader on palm rest, swipe sensor								For Lenovo <sup>22</sup> service upgrade options, please go to S-EDGE sheet				
Limited warranty <sup>12</sup>	1-year - depot repair service / service upgrades <sup>22</sup> available												

See footnotes for more detailed information  
 US model(s) announced May 22, June 5, June 26 or July 31, 2012  
 US model(s) withdrawn effective July 2013

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 (LEE1-2) December 2013

# ThinkPad® Edge E430 3254 (Intel) - TopSeller (Windows 8) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>8</sup> rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Top color	Finger print reader	Bat-tery cells	Bat-tery /Wh	Preload	Ann date (mm/yy)
3254-T3U	i3-3110M	4GBx1	14.0" HD Glos	720p	500G 7200	Intel 2230 + BT	None	Black alum	Finger	6	48	Win8 Pro64	10/12
3254-T2U	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win8 Pro64	10/12
3254-T1U	i3-3110M	4GBx1	14.0" HD	720p	320G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win8 Pro64	10/12
3254-TQU	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win8 64	10/12
3254-TPU	i3-3110M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win8 64	10/12
3254-TMU	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	16GB	Black alum	Finger	6	62	Win8 Pro64	10/12

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

Positioning	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i>										
Processor	<b>Intel® Core™ i3-3110M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology</b> <b>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</b>										
Memory	16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets										
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	<i>Some:</i> 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot										
Widescreen display	<i>Some:</i> <b>14.0"</b> (355mm) <b>HD (1366x768) color</b> , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> <b>14.0"</b> (355mm) <b>HD (1366x768) color</b> , VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio										
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator										
Graphics	<b>Intel HD Graphics 4000</b> 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, Internet Scroll Bar <sup>13</sup>										
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch										
ThinkLight™	None										
Dimensions <sup>3</sup>	<i>Matte black or Matte red (top):</i> 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33"; 339.4 x 234mm x 28.5-33.9mm <i>Black aluminum (top):</i> 14.0W" (WxDxH): 13.36" x 9.21" x 1.08-1.29"; 339.4 x 234mm x 27.4-32.8mm										
Weight <sup>2</sup>	<i>6-cell:</i> from 4.74 lb (2.15kg)										
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 <sup>37</sup>	Lithium Ion 6-cell										
Battery - life <sup>10</sup>	<i>6-cell (48Whr):</i> up to 6.4 hr <i>6-cell (62Whr):</i> up to 8.4 hr										
Chipset	<b>Mobile Intel HM77 Express Chipset</b>										
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 <sup>4</sup>	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 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 <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available										
	<p>Preloaded operating system<sup>20</sup></p> <ul style="list-style-type: none"> <li>- <i>Some:</i> Windows® 8 64-bit</li> <li>- <i>Some:</i> Windows 8 Pro 64-bit</li> </ul> <p>Preloaded applications<sup>14</sup> (only some listed)</p> <ul style="list-style-type: none"> <li>• Lenovo Support</li> <li>• Lenovo Companion</li> <li>• Lenovo Cloud Storage</li> <li>• Password Manager</li> <li>• Fingerprint Software (fingerprint models)</li> <li>• ThinkVantage System Update</li> <li>• Norton™ Internet Security (30 days of virus definitions)</li> <li>• Microsoft Office preloaded; purchase a product key to activate</li> <li>• Skype™</li> </ul> <p>Supports ThinkVantage® technologies</p> <p>65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service<sup>17</sup> 24 hour x 7 day<sup>18</sup> toll-free support during the warranty period<sup>12</sup></p> <p>For compatible accessories, please go to O-E430 sheet;</p> <p>For Lenovo<sup>22</sup> service upgrade options, please go to S-EDGE sheet</p>										

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

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# ThinkPad® Edge E430 6271 (Intel) - TopSeller (Windows 8) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>8</sup> rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Top color	Finger print reader	Battery cells	Battery /Wh	Preload	Ann date (mm/yy)
6271-5JU	i3-3120M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win8 64	10/12
6271-5HU	i3-3120M	4GBx1	14.0" HD	720p	320G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win8 Pro64	10/12
6271-5KU	i3-3120M	4GBx1	14.0" HD Glos	720p	500G 7200	Intel 2230 + BT	None	Black alum	Finger	6	48	Win8 Pro64	10/12
6271-5GU	i5-3210M	4+2GB	14.0" HD Glos	720p	750G 5400	Intel 2230 + BT	None	Black alum	Finger	6	48	Win8 Pro64	10/12
6271-56U	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win7 Pro64	10/12
6271-55U	i3-3120M	4GBx1	14.0" HD	720p	320G 7200	Intel 2230 + BT	None	Matte black	None	6	48	Win7 Pro64	10/12
6271-58U	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	16GB	Black alum	Finger	6	62	Win7 Pro64	10/12
6271-57U	i3-3120M	4GBx1	14.0" HD	720p	320G 7200	Intel 2230 + BT	None	Black alum	Finger	6	48	Win7 Pro64	10/12
6271-72U	i7-3612QM	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win7 Pro64	11/12
6271-6ZU	i7-3612QM	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win8 Pro64	11/12
6271-69U	i7-3632QM	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	62	Win7 Pro64	11/12
6271-9FU	i3-3130M	4GBx1	14.0" HD	720p	320G 7200	Intel 2230 + BT	None	Matte black	None	6	48	Win7 Pro64	02/13
6271-9EU	i5-3230M	4+2GB	14.0" HD	720p	750G 5400	Intel 2230 + BT	None	Matte black	Finger	6	48	Win7 Pro64	02/13
6271-9DU	i5-3230M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win7 Pro64	02/13
Positioning Processor	<p><i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i>  <b>Intel® Core™ i3-3120M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000,</b> DDR3 memory controller (up to 1600MHz), HT technology  <b>Intel Core i3-3130M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000,</b> DDR3 memory controller (up to 1600MHz), HT technology  <b>Intel Core i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000,</b> DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology  <b>Intel Core i5-3230M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000,</b> DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology  <b>Intel Core i7-3612QM processor (4 cores, 2.10GHz, 6MB cache), Intel HD Graphics 4000,</b> DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology  <b>Intel Core i7-3632QM processor (4 cores, 2.20GHz, 6MB cache), Intel HD Graphics 4000,</b> DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology</p>										<p><b>Preloaded operating system<sup>20</sup></b>                      - 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</p> <p><b>Preloaded applications</b> (only some listed)                      - <b>Windows 7 models</b>                      • Access Connections™                      • ThinkVantage Power Manager                      • ThinkVantage Tools                      • Lenovo SimpleTap                      • Adobe® Reader®</p> <p>- <b>Windows 8 models</b>                      • Lenovo Support                      • Lenovo Companion                      • Lenovo Cloud Storage</p> <p>- <b>All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Skype™                      • Microsoft Office preloaded; purchase a product key to activate</p>		
Memory	16GB max <sup>7</sup> / 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	Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot												
Widescreen display	Some: <b>14.0"</b> (355mm) <b>HD (1366x768) color</b> , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: <b>14.0"</b> (355mm) <b>HD (1366x768) color</b> , VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio												
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator												
Graphics	<b>Intel HD Graphics 4000</b> 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 TrackPoint® Touchpad ThinkLight™	6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar <sup>13</sup> UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None												
Dimensions <sup>3</sup>	<i>Matte black or Matte red (top):</i> 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33"; 339.4 x 234mm x 28.5-33.9mm <i>Black aluminum (top):</i> 14.0W" (WxDxH): 13.36" x 9.21" x 1.08-1.29"; 339.4 x 234mm x 27.4-32.8mm												
Weight <sup>2</sup> Case color	6-cell: from 4.74 lb (2.15kg) Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Some: Black aluminum (top); black bottom												
Case material	<i>Matte black or Matte red (top):</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic <i>Black aluminum (top):</i> Aluminum												
Battery - type <sup>37</sup> Battery - life <sup>10</sup>	Lithium Ion 6-cell 6-cell (48Whr): up to 6.4 hr 6-cell (62Whr): up to 8.4 hr												
Chipset ExpressCard Multicard Reader Ports	<b>Mobile Intel HM77 Express Chipset</b> None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)												
PCIe Mini Card WLAN <sup>4</sup> WWAN Modem Bluetooth™ Ethernet Audio support Security Security chip Fingerprint reader	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 None None Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None Some: UPEK Fingerprint reader on palm rest, swipe sensor												
Limited warranty <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available Supports ThinkVantage® technologies 65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup> For compatible accessories, please go to O-E430 sheet; For Lenovo <sup>22</sup> service upgrade options, please go to S-EDGE sheet												

See footnotes for more detailed information  
 US model(s) announced October 23 or November 6, 2012 or February 5, 2013  
 US model(s) withdrawn effective July 2013

# ThinkPad® Edge E430 6271 (Intel) - TopSeller (W8) - II - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>8</sup> rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Top color	Finger-print reader	Bat-tery cells	Bat-tery /Wh	Preload	Ann date (mm/yy)
6271-A6U	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Black alum	Finger	6	48	Win7 Pro64	03/13
6271-A5U	i3-2348M	4GBx1	14.0" HD	720p	320G 7200	Intel 2230 + BT	None	Black alum	Finger	6	48	Win7 Pro64	03/13
6271-AEU	i3-2348M	4GBx1	14.0" HD	720p	500G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win7 Pro64	04/13
6271-ADU	i3-2348M	4GBx1	14.0" HD	720p	320G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win8 Pro64	04/13
6271-ACU	i3-2348M	4GBx1	14.0" HD	720p	320G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win7 Pro64	04/13
6271-ABU	i3-2348M	2GBx1	14.0" HD	720p	320G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win7 Pro64	04/13
6271-AAU	i3-2348M	2GBx1	14.0" HD	720p	320G 7200	Intel 2230 + BT	None	Matte black	Finger	6	48	Win8 Pro64	04/13

Positioning Processor	<p><i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i>  <b>Intel® Core™ i3-2348M processor (2 cores, 2.30GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology</b>  <b>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</b></p>									<p><b>Preloaded operating system<sup>20</sup></b>                      - <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit                      - <i>Some:</i> Windows 8 Pro 64-bit</p>			
Memory	16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets									<p><b>Preloaded applications (only some listed)</b>                      - <b>Windows 7 models</b>                      • Access Connections™                      • ThinkVantage Power Manager                      • ThinkVantage Tools                      • Lenovo SimpleTap                      • Adobe® Reader®</p>			
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™									<p><b>- Windows 8 models</b>                      • Lenovo Support                      • Lenovo Companion                      • Lenovo Mobile Access                      • Lenovo Cloud Storage</p> <p><b>- All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Microsoft Office preloaded;                      purchase a product key to activate</p>			
mSATA™ SSD	None												
Widescreen display	14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio									<p><b>- All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Microsoft Office preloaded;                      purchase a product key to activate</p>			
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator												
Graphics	<p><b>Intel HD Graphics 3000 or Intel HD Graphics 4000</b> 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></p>									<p><b>- All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Microsoft Office preloaded;                      purchase a product key to activate</p>			
Keyboard	6-row, spill-resistant, multimedia Fn keys												
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar <sup>13</sup>									<p><b>- All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Microsoft Office preloaded;                      purchase a product key to activate</p>			
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch												
ThinkLight™	None									<p><b>- All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Microsoft Office preloaded;                      purchase a product key to activate</p>			
Dimensions <sup>3</sup>	<p><i>Matte black or Matte red (top):</i> 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33";                      339.4 x 234mm x 28.5-33.9mm  <i>Black aluminum (top):</i> 14.0W" (WxDxH): 13.36" x 9.21" x 1.08-1.29";                      339.4 x 234mm x 27.4-32.8mm</p>												
Weight <sup>2</sup>	6-cell: from 4.74 lb (2.15kg)									<p><b>- All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Microsoft Office preloaded;                      purchase a product key to activate</p>			
Case color	<p><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</p>												
Case material	<p><i>Matte black or Matte red (top):</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic  <i>Black aluminum (top):</i> Aluminum</p>									<p><b>- All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Microsoft Office preloaded;                      purchase a product key to activate</p>			
Battery - type <sup>37</sup>	Lithium Ion 6-cell												
Battery - life <sup>10</sup>	<p>6-cell (48Whr): up to 6.4 hr                      6-cell (62Whr): up to 8.4 hr</p>									<p><b>- All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Microsoft Office preloaded;                      purchase a product key to activate</p>			
Chipset	<b>Mobile Intel HM77 Express Chipset</b>												
ExpressCard	None									<p><b>- All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Microsoft Office preloaded;                      purchase a product key to activate</p>			
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)												
Ports	<p>Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)</p>									<p><b>- All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Microsoft Office preloaded;                      purchase a product key to activate</p>			
PCIe Mini Card WLAN <sup>4</sup>	<p>Two PCI Express Mini Card slots                      11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2</p>												
WWAN	None									<p><b>- All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Microsoft Office preloaded;                      purchase a product key to activate</p>			
Modem	None												
Bluetooth™	Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card									<p><b>- All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Microsoft Office preloaded;                      purchase a product key to activate</p>			
Ethernet	Realtek® RTL8111F Gigabit Network Connection												
Audio support	<p>High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/                      Stereo digital microphone, combo audio/mic jack</p>									<p><b>- All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Microsoft Office preloaded;                      purchase a product key to activate</p>			
Security	Power-on password, hard disk password, supervisor password, security keyhole												
Security chip	None									<p><b>- All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Microsoft Office preloaded;                      purchase a product key to activate</p>			
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor												
Limited warranty <sup>12</sup>	<b>1-year - depot repair service / service upgrades<sup>22</sup> available</b>									<p>For compatible accessories, please go to O-E430 sheet;                      For Lenovo<sup>22</sup> service upgrade options, please go to S-EDGE sheet</p>			

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

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 (LEE1-6) December 2013

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

Product Specifications Reference (PSREF)

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

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

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> <b>Intel® Core™ i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000</b> , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology								<b>Preloaded operating system<sup>20</sup></b> - Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit			
Memory	16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets								<b>Ready to install applications<sup>14</sup></b> (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™								<b>Preloaded applications<sup>14</sup></b> (only some listed)			
mSATA™ SSD	16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot								• Access Connections™			
Widescreen display	<b>14.0"</b> (355mm) <b>HD (1366x768) color</b> , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio								• TrueSuite Fingerprint Software (includes password manager function)			
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator								• ThinkVantage System Update			
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, <b>Intel HD Graphics 4000</b> in processor, and <b>NVIDIA GeForce® 610M</b> , PCI Express® x16, <b>1GB</b> 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>								• ThinkVantage Power Manager			
Keyboard	6-row, spill-resistant, multimedia Fn keys								• ThinkVantage Tools			
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar <sup>13</sup>								• Lenovo SimpleTap			
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch								• Norton™ Internet Security 2012 (30 days of virus definitions)			
ThinkLight™	None								• Adobe® Reader®			
Dimensions <sup>3</sup>	<i>Matte black or Matte red (top):</i> 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33"; 339.4 x 234mm x 28.5-33.9mm <i>Black aluminum (top):</i> 14.0W" (WxDxH): 13.36" x 9.21" x 1.08-1.29"; 339.4 x 234mm x 27.4-32.8mm								• Skype™			
Weight <sup>2</sup>	6-cell: from 4.74 lb (2.15kg)								• Corel® WinDVD® (DVD±RW)			
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								• Corel Burn.Now™ Lenovo Edition (DVD±RW)			
Case material	<i>Matte black or Matte red (top):</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic <i>Black aluminum (top):</i> Aluminum								• Corel DVD MovieFactory® Lenovo Edition (DVD±RW)			
Battery - type <sup>37</sup>	Lithium Ion 6-cell								• Microsoft Office preloaded; purchase a product key to activate			
Battery - life <sup>10</sup>	<i>6-cell (48Whr):</i> up to 6.4 hr <i>6-cell (62Whr):</i> up to 8.4 hr											
Chipset	<b>Mobile Intel HM77 Express Chipset</b>											
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 <sup>4</sup>	Two PCI Express Mini Card slots 1b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2								<b>Supports ThinkVantage® technologies</b>			
WWAN	None								90-watt AC adapter			
Modem	None								EPEAT™ Gold rating			
Bluetooth™	Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card								ENERGY STAR® 5.0-compliant			
Ethernet	Realtek® RTL8111F Gigabit Network Connection								RoHS-compliant			
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack								International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>			
Security	Power-on password, hard disk password, supervisor password, security keyhole								For compatible accessories, please go to O-E430 sheet;			
Security chip	None								For Lenovo <sup>22</sup> service upgrade options, please go to S-EDGE sheet			
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor											
Limited warranty <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available											

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

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# ThinkPad® Edge E430c 3365 (Intel) - TopSeller - withdrawn

Product Specifications Reference  
(PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>3</sup> rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Carrier	Top color	Finger-print reader	Bat-tery cells	Preload	Ann date (mm/yy)
3365-49U	i3-2328M	4GBx1	14.0" HD	0.3M	320G 5400	TP 11b/g/n	None	None	Black textured	None	6	Pro 64	08/12
3365-47U	i3-2328M	2GBx1	14.0" HD	0.3M	320G 5400	TP 11b/g/n	None	None	Black textured	None	6	Pro 64	08/12

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

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> <b>Intel® Core™ i3-2328M processor (dual-core, 2.20GHz, 3MB Cache),</b> DDR3 memory controller (up to 1333MHz), HT technology										<b>Preloaded operating system<sup>20</sup></b> - Genuine Windows 7 Professional 64  <b>Ready to install applications<sup>14</sup></b> (only some listed) • One Key Recovery Pro  <b>Preloaded applications<sup>14</sup></b> (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 <sup>7</sup> / 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	<b>14.0"</b> (355mm) <b>HD (1366x768) color</b> , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio										
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, low light sensitive, LED indicator										
Graphics	<b>Intel HD Graphics 3000</b> 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 TrackPoint®	6-row, spill-resistant, multimedia Fn keys TrackPoint pointing device, Internet Scroll Bar <sup>13</sup>										
Touchpad ThinkLight™	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None										
Dimensions <sup>3</sup>	<i>Black textured (top):</i> 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33"; 339.4 x 234mm x 28.5-33.9mm										
Weight <sup>2</sup>	6-cell: from 4.74 lb (2.15kg)										
Case color	Black textured (top); black bottom										
Case material	<i>Black textured (top):</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic										
Battery - type <sup>37</sup>	Lithium Ion 6-cell										
Battery - life <sup>10</sup>	6-cell (48Whr): up to 6.4 hr										
Chipset	<b>Mobile Intel HM77 Express Chipset</b>										
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 <sup>4</sup>	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1										Supports ThinkVantage® technologies  65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>
WWAN	None										
Modem	None										
Bluetooth™	None										
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										For compatible accessories, please go to O-E430 sheet;  For Lenovo <sup>22</sup> service upgrade options, please go to S-EDGE sheet
Security chip	None										
Fingerprint reader	None										
Limited warranty <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available										

See footnotes for more detailed information

US model(s) announced August 7, 2012

US model(s) withdrawn effective December 31, 2013

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(LEE1c-1) January 2014

# ThinkPad® Edge E430c 3365 (Intel) - TopSeller (Windows 8) - withdrawn

Product Specifications Reference  
(PSREF)

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

Positioning Processor	<p><i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i>  <b>Intel® Core™ i3-2328M processor (2 cores, 2.20GHz, 3MB cache), Intel HD Graphics 3000</b>,                      DDR3 memory controller (up to 1333MHz), HT technology  <b>Intel Core i3-2348M processor (2 cores, 2.30GHz, 3MB cache), Intel HD Graphics 3000</b>,                      DDR3 memory controller (up to 1333MHz), HT technology</p>									<p><b>Preloaded operating system<sup>20</sup></b>                      - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit                      - Some: Windows 8 Pro 64-bit</p>			
Memory	<p>16GB max<sup>7</sup> / 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</p>									<p><b>Preloaded applications</b> (only some listed)                      - <b>Windows 7 models</b>                      • Access Connections™                      • ThinkVantage Power Manager                      • ThinkVantage Tools                      • Lenovo SimpleTap                      • Adobe® Reader®</p>			
Optical SATA disk	<p>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™</p>									<p>- <b>Windows 8 models</b>                      • Lenovo Support                      • Lenovo Companion                      • Lenovo Cloud Storage</p>			
mSATA™ SSD	<p>None</p>												
Widescreen display	<p><i>Some: 14.0" (355mm) HD (1366x768) color</i>, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio  <i>Some: 14.0" (355mm) HD (1366x768) color</i>, VibrantView (glossy), LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio</p>									<p>- <b>All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Skype™                      • Microsoft Office preloaded; purchase a product key to activate</p>			
Camera	<p>HD720p resolution, face track, low light sensitive, fixed focus, LED indicator</p>												
Graphics	<p><b>Intel HD Graphics 3000</b> 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></p>									<p>Supports ThinkVantage® technologies</p> <p>65-watt AC adapter                      EPEAT™ Gold rating                      ENERGY STAR® 5.0-compliant                      RoHS-compliant                      International Warranty Service<sup>17</sup>                      24 hour x 7 day<sup>18</sup> toll-free support during the warranty period<sup>12</sup></p> <p>For compatible accessories, please go to O-E430 sheet;                      For Lenovo<sup>22</sup> service upgrade options, please go to S-EDGE sheet</p>			
Keyboard	<p>6-row, spill-resistant, multimedia Fn keys</p>												
TrackPoint®	<p>TrackPoint pointing device, Internet Scroll Bar<sup>13</sup></p>												
Touchpad	<p>UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch</p>												
ThinkLight™	<p>None</p>												
Dimensions <sup>3</sup>	<p><i>Black textured (top):</i> 14.0W" (WxDxH): 13.36" x 9.21" x 1.12-1.33";                      339.4 x 234mm x 28.5-33.9mm</p>												
Weight <sup>2</sup>	<p><i>6-cell:</i> from 4.74 lb (2.15kg)</p>												
Case color	<p>Black textured (top); black bottom</p>												
Case material	<p><i>Black textured (top):</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic</p>												
Battery - type <sup>37</sup>	<p>Lithium Ion 6-cell</p>												
Battery - life <sup>10</sup>	<p><i>6-cell (48Whr):</i> up to 6.4 hr</p>												
Chipset	<p><b>Mobile Intel HM77 Express Chipset</b></p>												
ExpressCard	<p>None</p>												
Multicard Reader	<p>4-in-1 reader (MMC, SD, SDHC, SDXC)</p>												
Ports	<p>Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)</p>												
PCIe Mini Card WLAN <sup>4</sup>	<p>Two PCI Express Mini Card slots                      11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2</p>									<p>For compatible accessories, please go to O-E430 sheet;                      For Lenovo<sup>22</sup> service upgrade options, please go to S-EDGE sheet</p>			
WWAN	<p>None</p>												
Modem	<p>None</p>												
Bluetooth™	<p>Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card</p>												
Ethernet	<p>Realtek® RTL8111F Gigabit Network Connection</p>												
Audio support	<p>High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/                      Stereo digital microphone, combo audio/mic jack</p>												
Security	<p>Power-on password, hard disk password, supervisor password, security keyhole</p>												
Security chip	<p>None</p>												
Fingerprint reader	<p>None</p>												
<p>Limited warranty<sup>12</sup> <b>1-year</b> - depot repair service / service upgrades<sup>22</sup> available</p>													

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

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 (LEE1c-2) January 2014

# ThinkPad® Edge E430 Accessories - withdrawn

Product Specifications Reference (PSREF)

## Memory

2GB PC3-12800 DDR3 SODIMM	0A65722	ann 06/05/12
4GB PC3-12800 DDR3 SODIMM	0A65723	ann 06/05/12

## Storage and removable storage

ThinkPad 16GB mSATA Solid State Cache Drive	0B47309	ann 12/11/12
USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09
USB 3.0 Secure 500GB Hard Drive	0A65619	ann 11/29/11
USB 3.0 Secure 750GB Hard Drive	0A65616	ann 11/29/11
USB 3.0 Secure 1TB Hard Drive	0A65621	ann 08/28/12

## ThinkPad Expansion

Lenovo® Essential Notebook Stand	45J9292	ann 05/12/09
USB 2.0 Port Replicator with Digital Video	0A33942	ann 03/22/11

## Keyboard

TrackPoint Cap Collection	73P2698	ann 12/16/03
Ultraslim Plus Wireless Keyboard and Mouse <sup>52</sup>	0A34032	ann 04/05/11
<sup>52</sup> Wireless via 2.4GHz technology using a micro-size USB receiver.		
USB Numeric Keypad	33L3225	ann 05/01/00
Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
ThinkPad USB Keyboard with TrackPoint	55Y9003	ann 08/18/09
Lenovo USB Fingerprint Keyboard	73P4730	ann 02/22/05
Lenovo USB Smartcard Keyboard	51J0155	ann 03/24/09

## Mouse

ThinkPad Bluetooth Laser Mouse	0A36407	ann 06/26/12
Lenovo Optical Mouse (USB)	06P4069	ann 05/21/03
Lenovo Laser Mouse (USB)	41U3074	ann 01/23/07
ThinkPad USB Laser Mouse	57Y4635	ann 12/15/09
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405	ann 08/27/02
ThinkPad Travel Mouse (USB, Optical)	31P7410	ann 06/04/02
Lenovo Wireless Laser Mouse <sup>52</sup>	0A36188	ann 12/20/11
<sup>52</sup> Wireless via 2.4GHz technology using a micro-size USB receiver.		

## Security

3M 14.0W Privacy Filter from Lenovo	0A61769	ann 04/05/11
Kensington® MicroSaver® Cable Lock	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
Lenovo Security Cable Lock	57Y4303	ann 08/24/10
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06

## Multimedia

ThinkPad In-Ear Headphones with mic	57Y4488	ann 01/07/10
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## Modem

USB 2.0 Lenovo Modem	43R1814	ann 02/26/08
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## Batteries<sup>37</sup>

ThinkPad Battery 75+ (6-cell)	0A36311	ann 04/10/12
ThinkPad External Battery Charger <sup>44</sup>	40Y7625	ann 09/20/05

<sup>44</sup> Requires the *ThinkPad 90W AC Adapter 40Y7659* or the adapter provided with the system.

More information at [www.lenovo.com/alldaycomputing](http://www.lenovo.com/alldaycomputing)

ThinkPad 65W AC Adapter <sup>45</sup>	40Y7696	ann 01/05/06
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<sup>45</sup> Only compatible with the integrated graphics models.

ThinkPad 90W AC Adapter	40Y7659	ann 09/20/05
90W Ultraslim AC/DC Combo Adapter	41R4493	ann 09/22/09

More info at [www.lenovo.com/support/poweradapters](http://www.lenovo.com/support/poweradapters)

*Charging tips for 90W Ultraslim AC/DC Combo Adapter 41R4493*

• iPod and iPhone Charge Tip (L10a)	41R4481	ann 12/18/07
• Generic Micro USB charge tip (L18)	41R4490	ann 01/06/09

More information at [www.lenovopowertips.com](http://www.lenovopowertips.com)

## Carrying Cases

*Up to 15.6" widescreen models:*

Lenovo Messenger Max	41U5253	ann 05/01/07
Lenovo Performance Backpack	41U5254	ann 05/01/07
ThinkPad Business Topload Case	43R2476	ann 05/13/08
ThinkPad Business Backpack	43R2482	ann 05/13/08
ThinkPad Deluxe Expander Case	43R2478	ann 05/13/08
ThinkPad Executive Leather Case	43R2480	ann 05/13/08
Lenovo Sport Backpack - Red	0A33896	ann 02/28/12
Lenovo Sport Slimcase - Red	0A33897	ann 02/28/12
Lenovo Sport Messenger - Red	0A33898	ann 02/28/12
Lenovo Sport Backpack - Blue	0B47298	ann 08/28/12
Lenovo Sport Slimcase - Blue	0B47300	ann 08/28/12
Lenovo Sport Messenger - Blue	0B47299	ann 08/28/12
Lenovo Sport Backpack - Grey	0B47301	ann 08/28/12
Lenovo Sport Slimcase - Grey	0B47303	ann 08/28/12
Lenovo Sport Messenger - Grey	0B47302	ann 08/28/12

More information at [www.lenovo.com/support/cases](http://www.lenovo.com/support/cases)

## Monitors

ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) <sup>69</sup>	2448MB6	ann 09/13/11
ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0)	1452DS6	ann 08/16/11

More information at [www.lenovo.com/support/monitors](http://www.lenovo.com/support/monitors)

## Monitor Accessories<sup>46</sup>

Lenovo USB Soundbar	0A36190	ann 05/01/12
Lenovo HDMI to HDMI Monitor Cable	0B47070	ann 05/22/12
Lenovo HDMI to VGA Monitor Cable	0B47069	ann 06/26/12
Lenovo USB 3.0 to DVI/VGA Monitor Adapter	0B47072	ann 08/14/12
Kensington MicroSaver Cable Lock	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
Lenovo Security Cable Lock	57Y4303	ann 08/24/10
Lenovo Easy Reach Monitor Stand	55Y9258	ann 09/22/09

<sup>46</sup> Compatible on selected Lenovo and ThinkVision monitors.

More information at [www.lenovo.com/support/monitoraccessories](http://www.lenovo.com/support/monitoraccessories)

For more information on accessories:

[www.lenovo.com/accessories](http://www.lenovo.com/accessories)

Purchase Lenovo accessories

[www.lenovo.com/support/accessories](http://www.lenovo.com/support/accessories)

Product specifications on Lenovo Support

[www.lenovo.com/accessoriesguide](http://www.lenovo.com/accessoriesguide)

Option Compatibility Matrix (OCM) and accessory brochures

[www.lenovoquickpick.com](http://www.lenovoquickpick.com)

An Options Compatibility Configurator for Lenovo systems



Lenovo® ThinkPad Edge E530



Lenovo ThinkPad Edge E530



Lenovo ThinkPad Edge E530c



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



Lenovo ThinkPad Edge E530



Lenovo ThinkPad Edge E530  
without Numeric Keypad  
(Black aluminum)

# ThinkPad® Edge E530 3259 (Intel) - TopSeller - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>3</sup> rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Numeric Keypad	Top color	Finger print reader	Battery cells	Preload	Ann date (mm/yy)
3259-BSU	i5-2450M	4GBx1	15.6" HD	720p	750G 5400	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	Pro 64	04/12
3259-BRU	i3-2350M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Black alum	Finger	6	Pro 64	04/12
3259-78U	i3-2350M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black		6	Pro 64	04/12
3259-79U	i3-2350M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	Pro 64	04/12
3259-7AU	i5-2450M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	Pro 64	04/12
3259-7DU	i3-2350M	2GBx1	15.6" HD Glos	720p	320G 5400	TP 11b/g/n	None	Numpad	Matte black		6	Prem 64	04/12
3259-7EU	i3-2350M	4+2GB	15.6" HD Glos	720p	500G 5400	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Prem 64	04/12
3259-7FU	i5-2450M	4+2GB	15.6" HD Glos	720p	500G 5400	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Prem 64	04/12
3259-7HU	i3-2350M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Black alum	Finger	6	Pro 64	04/12
3259-7JU	i5-2450M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	16GB	None	Black alum	Finger	6	Pro 64	04/12
3259-ELU	i5-2450M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black alum	Finger	6	Pro 64	05/12

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

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> <b>Intel® Core™ i3-2350M processor (dual-core, 2.30GHz, 3MB Cache),</b> DDR3 memory controller (up to 1333MHz), HT technology <b>Intel Core i5-2450M processor (dual-core, 2.50GHz, 3MB Cache),</b> DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology									<b>Preloaded operating system<sup>20</sup></b> - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64			
Memory	16GB max <sup>7</sup> / 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									<b>Ready to install applications<sup>14</sup></b> (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™									<b>Preloaded applications<sup>14</sup></b> (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: <b>15.6"</b> (396mm) <b>HD (1366x768) color</b> , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: <b>15.6"</b> (396mm) <b>HD (1366x768) color</b> , 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	<b>Intel HD Graphics 3000</b> 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 Black aluminum (top): 6-row, spill-resistant, multimedia Fn keys												
TrackPoint® Touchpad ThinkLight™	TrackPoint pointing device, Internet Scroll Bar <sup>13</sup> UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None												
Dimensions <sup>3</sup>	Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm Black aluminum (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.12-1.35"; 377 x 245mm x 28.5-34.3mm												
Weight <sup>2</sup>	6-cell: from 5.4 lb (2.45kg)												
Case color	Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Some: Black aluminum (top); black bottom												
Case material	Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Black aluminum (top): Aluminum												
Battery - type <sup>37</sup>	Lithium Ion 6-cell												
Battery - life <sup>10</sup>	6-cell (48Whr): up to 5.7 hr												
Chipset	<b>Mobile Intel HM77 Express Chipset</b>												
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 <sup>4</sup>	Two PCI Express Mini Card slots Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1 Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2									Supports ThinkVantage® technologies			
WWAN Modem	None									65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>			
Bluetooth™	Some: 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									For compatible accessories, please go to O-E530 sheet;			
Security chip	None												
Fingerprint reader	Some: UPEK Fingerprint reader on palm rest, swipe sensor									For Lenovo <sup>22</sup> service upgrade options, please go to S-EDGE sheet			
Limited warranty <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available												

See footnotes for more detailed information

US model(s) announced April 10 or May 22, 2012

US model(s) withdrawn effective July 2013

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(GLN1-1) December 2013

# ThinkPad® Edge E530 3259 (Intel) - TopSeller - II - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>8</sup> rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Card Numeric Keypad	Top color	Finger print reader	Bat- tery cells	Bat- tery /Wh	Preload (mm/yy)	Ann date
3259-7LU	i7-3612QM	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	16GB	None	Black alum	Finger	6	62	Pro 64	05/12
3259-7CU	i7-3612QM	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT		Numpad	Matte black	Finger	6	62	Pro 64	05/12
3259-EMU	i7-3612QM	4GBx1	15.6" HD Glos	720p	500G 7200	Intel 2230 + BT		None	Black alum	Finger	6	62	Pro 64	05/12
3259-DWU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	16GB	None	Black alum	Finger	6	62	Pro 64	06/12
3259-DVU	i5-3210M	4+2GB	15.6" HD Glos	720p	750G 5400	Intel 2230 + BT		None	Black alum	Finger	6	48	Pro 64	06/12
3259-DUU	i5-3210M	4+2GB	15.6" HD Glos	720p	500G 7200	Intel 2230 + BT		None	Black alum	Finger	6	48	Pro 64	06/12
3259-DTU	i5-3210M	4GBx1	15.6" HD Glos	720p	500G 7200	Intel 2230 + BT		None	Black alum	Finger	6	48	Prem 64	06/12
3259-7BU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT		Numpad	Matte black	Finger	6	48	Pro 64	06/12
3259-7GU	i5-3210M	4+2GB	15.6" HD Glos	720p	500G 5400	TP 11b/g/n + BT		Numpad	Matte black	Finger	6	48	Prem 64	06/12
3259-7KU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT		None	Black alum	Finger	6	48	Pro 64	06/12
3259-EPU	i3-3110M	4GBx1	15.6" HD Glos	720p	500G 7200	Intel 2230 + BT		None	Black alum	Finger	6	48	Pro 64	06/12
3259-TJU	i3-3110M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT		Numpad	Matte black	Finger	6	48	Pro 64	07/12
3259-TMU	i3-3110M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT		None	Black alum	Finger	6	48	Pro 64	07/12

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

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> <b>Intel® Core™ i3-3110M processor (dual-core, 2.40GHz, 3MB Cache),</b> DDR3 memory controller (up to 1600MHz), HT technology <b>Intel Core i5-3210M processor (dual-core, 2.50GHz, 3MB Cache),</b> DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology <b>Intel Core i7-3612QM processor (quad-core, 2.10GHz, 6MB Cache),</b> DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology										<b>Preloaded operating system<sup>20</sup></b> - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64  <b>Ready to install applications<sup>14</sup> (only some listed)</b> • One Key Recovery Pro			
Memory	16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets										<b>Preloaded applications<sup>14</sup> (only some listed)</b> • 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)			
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> <b>15.6"</b> (396mm) <b>HD (1366x768) color</b> , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> <b>15.6"</b> (396mm) <b>HD (1366x768) color</b> , 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	<b>Intel HD Graphics 4000</b> 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	<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 <sup>13</sup>													
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch													
ThinkLight™	None													
Dimensions <sup>3</sup>	<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 <sup>2</sup>	6-cell: from 5.4 lb (2.45kg)													
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 <sup>37</sup>	Lithium Ion 6-cell													
Battery - life <sup>10</sup>	6-cell (48Whr): up to 5.7 hr 6-cell (62Whr): up to 7.5 hr													
Chipset	<b>Mobile Intel HM77 Express Chipset</b>													
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 <sup>4</sup>	Two PCI Express Mini Card slots <i>Some:</i> 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1 <i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2										Supports ThinkVantage® technologies			
WWAN	None										65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>			
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										For compatible accessories, please go to O-E530 sheet;			
Security chip	None										For Lenovo <sup>22</sup> service upgrade options, please go to S-EDGE sheet			
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor													
Limited warranty <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available													

See footnotes for more detailed information

US model(s) announced May 1, May 22, June 5, June 26 or July 31, 2012

US model(s) withdrawn effective July 2013

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(GLN1-2) December 2013

# ThinkPad® Edge E530 3259 (Intel) - TopSeller (Windows 8) - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>8</sup> rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Card Numeric Keypad	Top color	Finger-print reader	Bat-tery cells	Bat-tery /Wh	Preload	Ann date (mm/yy)
3259-TEU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	48	Win8 64	10/12
3259-TFU	i3-3110M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	48	Win8 Pro64	10/12
3259-TGU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	48	Win8 Pro64	10/12
3259-THU	i3-3110M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Matte black	None	6	48	Win8 Pro64	10/12
3259-TKU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	16GB	None	Black alum	Finger	6	62	Win8 Pro64	10/12
3259-TLU	i3-3110M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black alum	Finger	6	48	Win8 Pro64	10/12

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

Positioning	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i>										<b>Preloaded operating system<sup>20</sup></b>			
Processor	<b>Intel® Core™ i3-3110M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4000,</b> DDR3 memory controller (up to 1600MHz), HT technology										- Some: Windows® 8 64-bit			
	<b>Intel Core i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000,</b> DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology										- Some: Windows 8 Pro 64-bit			
Memory	16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets										<b>Preloaded applications<sup>14</sup></b> (only some listed)			
Optical	DVD burner, 12.7mm high, fixed, not removable, tray-in										• Lenovo Support			
SATA disk	Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™										• Lenovo Companion			
mSATA™ SSD	Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot										• Lenovo Cloud Storage			
Widescreen display	<b>15.6"</b> (396mm) <b>HD (1366x768) color</b> , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio										• Password Manager			
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator										• Fingerprint Software (fingerprint models)			
Graphics	<b>Intel HD Graphics 4000</b> 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>										• ThinkVantage System Update			
Keyboard	<i>Matte black or Matte red (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad										• Norton™ Internet Security (30 days of virus definitions)			
TrackPoint®	<i>Black aluminum (top):</i> 6-row, spill-resistant, multimedia Fn keys										• Microsoft Office preloaded; purchase a product key to activate			
Touchpad	TrackPoint pointing device, Internet Scroll Bar <sup>13</sup>										• Skype™			
ThinkLight™	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch													
None														
Dimensions <sup>3</sup>	<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 <sup>2</sup>	6-cell: from 5.4 lb (2.45kg)													
Case color	Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom													
	Some: 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 <sup>37</sup>	Lithium Ion 6-cell													
Battery - life <sup>10</sup>	6-cell (48Whr): up to 5.7 hr													
	6-cell (62Whr): up to 7.5 hr													
Chipset	<b>Mobile Intel HM77 Express Chipset</b>													
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										Supports ThinkVantage® technologies			
WLAN <sup>4</sup>	11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2										65-watt AC adapter			
WWAN	None										EPEAT™ Gold rating			
Modem	None										ENERGY STAR® 5.0-compliant			
Bluetooth™	Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card										RoHS-compliant			
Ethernet	Realtek® RTL8111F Gigabit Network Connection										International Warranty Service <sup>17</sup>			
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack										24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>			
Security	Power-on password, hard disk password, supervisor password, security keyhole										For compatible accessories, please go to O-E530 sheet;			
Security chip	None										For Lenovo <sup>22</sup> service upgrade options, please go to S-EDGE sheet			
Fingerprint reader	Some: UPEK Fingerprint reader on palm rest, swipe sensor													
Limited warranty <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available													

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

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(GLN1-4) December 2013

**ThinkPad® Edge E530 6272 (Intel) - TopSeller (Windows 8) - withdrawn** *Product Specifications Reference (PSREF)*

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>8</sup> rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Mini Card Numeric Keypad	Top color	Finger reader	Bat- tery cells	Bat- tery /Wh	Preload	Ann date (mm/yy)
6272-4SU	i3-3120M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Matte black	None	6 48	Win8 Pro64	10/12	
6272-4RU	i3-3120M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6 48	Win8 Pro64	10/12	
6272-4TU	i3-3120M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black alum	Finger	6 48	Win8 Pro64	10/12	
6272-4GU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6 48	Win7 Pro64	10/12	
6272-4FU	i3-3120M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Matte black	None	6 48	Win7 Pro64	10/12	
6272-4JU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	16GB	None	Black alum	Finger	6 62	Win7 Pro64	10/12	
6272-4HU	i3-3120M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black alum	Finger	6 48	Win7 Pro64	10/12	
6272-55U	i7-3632QM	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6 62	Win7 Pro64	11/12	
6272-53U	i7-3612QM	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6 48	Win8 Pro64	11/12	
6272-52U	i7-3612QM	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6 48	Win7 Pro64	11/12	
6272-54U	i5-3210M	4+2GB	15.6" HD	Glos 720p	750G 5400	Intel 2230 + BT	None	None	Black alum	Finger	6 48	Win8 Pro64	11/12	
6272-6HU	i5-3210M	4+2GB	15.6" HD	Glos 720p	500G 7200	Intel 2230 + BT	None	None	Black alum	Finger	6 48	Win8 Pro64	12/12	

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> <b>Intel® Core™ i3-3120M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000,</b> DDR3 memory controller (up to 1600MHz), HT technology <b>Intel Core i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000,</b> DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology <b>Intel Core i7-3612QM processor (4 cores, 2.10GHz, 6MB cache), Intel HD Graphics 4000,</b> DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology <b>Intel Core i7-3632QM processor (4 cores, 2.20GHz, 6MB cache), Intel HD Graphics 4000,</b> DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology										<b>Preloaded operating system<sup>20</sup></b> - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 Pro 64-bit
Memory	16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets										<b>Preloaded applications</b> (only some listed) - <b>Windows 7 models</b> • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader®  - <b>Windows 8 models</b> • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage  - <b>All models</b> • 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™										
mSATA™ SSD	<i>Some:</i> 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot										
Widescreen display	<i>Some:</i> <b>15.6"</b> (396mm) <b>HD (1366x768) color</b> , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> <b>15.6"</b> (396mm) <b>HD (1366x768) color</b> , 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	<b>Intel HD Graphics 4000</b> 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	<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 <sup>13</sup>										
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch										
ThinkLight™	None										
Dimensions <sup>3</sup>	<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 <sup>2</sup>	6-cell: from 5.4 lb (2.45kg)										
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 <sup>37</sup>	Lithium Ion 6-cell										
Battery - life <sup>10</sup>	6-cell (48Whr): up to 5.7 hr 6-cell (62Whr): up to 7.5 hr										
Chipset	<b>Mobile Intel HM77 Express Chipset</b>										
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 <sup>4</sup>	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2										Supports ThinkVantage® technologies
WWAN	None										65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>
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										For compatible accessories, please go to O-E530 sheet;
Fingerprint reader	<i>Some:</i> UPEK Fingerprint reader on palm rest, swipe sensor										For Lenovo <sup>22</sup> service upgrade options, please go to S-EDGE sheet
Limited warranty <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available										

See footnotes for more detailed information  
US model(s) announced October 23, November 6 or December 4, 2012  
US model(s) withdrawn effective July 2013



# ThinkPad® Edge E530 6272 (Intel) - TopSeller (W8) - II - withdrawn

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>6</sup> rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Card Numeric Keypad	Top color	Finger print reader	Bat- tery cells	Bat- tery /Wh	Preload	Ann date (mm/yy)
6272-7VU	i3-3130M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Matte black	None	6	48	Win7 Pro64	02/13
6272-7UU	i5-3230M	4+2GB	15.6" HD	720p	750G 5400	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	48	Win7 Pro64	02/13
6272-7TU	i5-3230M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	48	Win7 Pro64	02/13
6272-8DU	i5-3210M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	None	Black alum	Finger	6	48	Win7 Pro64	03/13
6272-8CU	i3-2348M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	None	Black alum	Finger	6	48	Win7 Pro64	03/13
6272-8MU	i3-2348M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	48	Win8 Pro64	04/13
6272-8LU	i3-2348M	4GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	48	Win7 Pro64	04/13
6272-8KU	i3-2348M	2GBx1	15.6" HD	720p	320G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	48	Win7 Pro64	04/13
6272-64U	i3-2348M	4GBx1	15.6" HD	720p	500G 7200	Intel 2230 + BT	None	Numpad	Matte black	Finger	6	48	Win7 Pro64	04/13

Positioning Processor	<p><i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i>  <b>Intel® Core™ i3-2348M processor (2 cores, 2.30GHz, 3MB cache), Intel HD Graphics 3000</b>,                      DDR3 memory controller (up to 1333MHz), HT technology  <b>Intel Core i3-3130M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000</b>,                      DDR3 memory controller (up to 1600MHz), HT technology  <b>Intel Core i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000</b>,                      DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology  <b>Intel Core i5-3230M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000</b>,                      DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology</p>										<p><b>Preloaded operating system<sup>20</sup></b>                      - <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit                      - <i>Some:</i> Windows 8 Pro 64-bit</p> <p><b>Preloaded applications</b> (only some listed)                      - <b>Windows 7 models</b>                      • Access Connections™                      • ThinkVantage Power Manager                      • ThinkVantage Tools                      • Lenovo SimpleTap                      • Adobe® Reader®</p> <p>- <b>Windows 8 models</b>                      • Lenovo Support                      • Lenovo Companion                      • Lenovo Mobile Access                      • Lenovo Cloud Storage</p> <p>- <b>All models</b>                      • ThinkVantage System Update                      • Norton™ Internet Security (30 days of virus definitions)                      • Skype™                      • Microsoft Office preloaded; purchase a product key to activate</p>			
Memory	16GB max <sup>7</sup> / 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 Camera	<p><b>15.6"</b> (396mm) <b>HD (1366x768) color</b>, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio                      HD720p resolution, face track, low light sensitive, fixed focus, LED indicator</p>													
Graphics	<p><b>Intel HD Graphics 3000</b> or <b>Intel HD Graphics 4000</b> 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</p>													
Keyboard	<p><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</p>													
TrackPoint® Touchpad ThinkLight™	<p>TrackPoint pointing device, Internet Scroll Bar<sup>13</sup>                      UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch                      None</p>													
Dimensions <sup>3</sup>	<p><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</p>													
Weight <sup>2</sup>	6-cell: from 5.4 lb (2.45kg)													
Case color	<p><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</p>													
Case material	<p><i>Matte black or Matte red (top):</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic  <i>Black aluminum (top):</i> Aluminum</p>													
Battery - type <sup>37</sup>	Lithium Ion 6-cell													
Battery - life <sup>10</sup>	<p>6-cell (48Whr): up to 5.7 hr                      6-cell (62Whr): up to 7.5 hr</p>													
Chipset	<b>Mobile Intel HM77 Express Chipset</b>													
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 <sup>4</sup>	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2										Supports ThinkVantage® technologies			
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										65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>			
Security	Power-on password, hard disk password, supervisor password, security keyhole													
Security chip	None													
Fingerprint reader	<i>Some:</i> UPEK Fingerprint reader on palm rest, swipe sensor										For compatible accessories, please go to O-E530 sheet;			
Limited warranty <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available										For Lenovo <sup>22</sup> service upgrade options, please go to S-EDGE sheet			

See footnotes for more detailed information  
 US model(s) announced February 5, March 19 or April 16, 2013  
 US model(s) withdrawn effective July 2013

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 (GLN1-6) December 2013

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

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>8</sup> rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA SIM card	Numeric Keypad	Top color	Finger print reader	Bat-tery cells /Wh	Bat-tery Preload	Ann date (mm/yy)
6272-4PU	i5-3210M	4GBx1	15.6" HD+	720p	500G 7200	Intel 2230 + BT	None	None	Numpad	Matte black	Finger	6 62	Win7 Pro64 10/12

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

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> <b>Intel® Core™ i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000</b> , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology										<b>Preloaded operating system<sup>20</sup></b> - Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit  <b>Ready to install applications<sup>14</sup></b> (only some listed) • One Key Recovery Pro  <b>Preloaded applications<sup>14</sup></b> (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
Memory	16GB max <sup>7</sup> / 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) <b>HD (1366x768) color</b> , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some: 15.6"</i> (396mm) <b>HD+ (1600x900) color</b> , 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, <b>Intel HD Graphics 4000</b> in processor, and <b>NVIDIA GeForce® 610M</b> , PCI Express® x16, <b>1GB</b> 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 ThinkLight™	TrackPoint pointing device, Internet Scroll Bar <sup>13</sup> UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None										
Dimensions <sup>3</sup>	<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 <sup>2</sup>	<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 <sup>37</sup>	Lithium Ion 6-cell										
Battery - life <sup>10</sup>	<i>6-cell (62Whr):</i> up to 7.3 hr										
Chipset	<b>Mobile Intel HM77 Express Chipset</b>										
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 <sup>4</sup>	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2										Supports ThinkVantage® technologies  90-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>  For compatible accessories, please go to O-E530 sheet;  For Lenovo <sup>22</sup> service upgrade options, please go to S-EDGE sheet
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 <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available										

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

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 (GLN1-5) December 2013

# ThinkPad® Edge E530c 3366 (Intel) - TopSeller - withdrawn

Product Specifications Reference  
(PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>3</sup> 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)
3366-2YU	i3-2328M	4GBx1	15.6" HD	0.3M	320G 5400	TP 11b/g/n	None	Numpad	Black textured	None	6	Pro 64	08/12
3366-2WU	i3-2328M	4GBx1	15.6" HD	0.3M	500G 5400	TP 11b/g/n	None	Numpad	Black textured	None	6	Pro 64	08/12
3366-2UU	i3-2328M	2GBx1	15.6" HD	0.3M	320G 5400	TP 11b/g/n	None	Numpad	Black textured	None	6	Pro 64	08/12

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

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> <b>Intel® Core™ i3-2328M processor (dual-core, 2.20GHz, 3MB Cache),</b> DDR3 memory controller (up to 1333MHz), HT technology										<b>Preloaded operating system<sup>20</sup></b> - Genuine Windows 7 Professional 64		
Memory	16GB max <sup>7</sup> / 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										<b>Ready to install applications<sup>14</sup></b> (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™										<b>Preloaded applications<sup>14</sup></b> (only some listed)		
mSATA™ SSD	None										• Access Connections™		
Widescreen display	<b>15.6"</b> (396mm) <b>HD (1366x768) color</b> , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio										• TrueSuite Fingerprint Software (includes password manager function)		
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, low light sensitive, LED indicator										• ThinkVantage System Update		
Graphics	<b>Intel HD Graphics 3000</b> 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>										• ThinkVantage Power Manager		
Keyboard display	<i>Black textured (top):</i> 6-row, spill-resistant, multimedia Fn keys, numeric keypad										• ThinkVantage Tools		
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar <sup>13</sup>										• Lenovo SimpleTap		
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch										• Norton™ Internet Security 2012 (30 days of virus definitions)		
ThinkLight™	None										• Adobe® Reader®		
Dimensions <sup>3</sup>	<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										• Skype™ for Windows		
Weight <sup>2</sup>	<i>6-cell:</i> from 5.4 lb (2.45kg)										• Corel® WinDVD® (DVD±RW)		
Case color	Black textured (top); black bottom										• Corel Burn.Now™ Lenovo Edition (DVD±RW)		
Case material	<i>Black textured (top):</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic										• Corel DVD MovieFactory® Lenovo Edition (DVD±RW)		
Battery - type <sup>37</sup>	Lithium Ion 6-cell												
Battery - life <sup>10</sup>	<i>6-cell (48Whr):</i> up to 5.7 hr												
Chipset	<b>Mobile Intel HM77 Express Chipset</b>												
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)										Supports ThinkVantage® technologies		
PCIe Mini Card WLAN <sup>4</sup>	Two PCI Express Mini Card slots										65-watt AC adapter		
WWAN	11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1										EPEAT™ Gold rating		
Modem	None										ENERGY STAR® 5.0-compliant		
Bluetooth™	None										RoHS-compliant		
Ethernet	Realtek® RTL8111F Gigabit Network Connection										International Warranty Service <sup>17</sup>		
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack										24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>		
Security	Power-on password, hard disk password, supervisor password, security keyhole										For compatible accessories, please go to O-E530 sheet;		
Security chip	None										For Lenovo <sup>22</sup> service upgrade options, please go to S-EDGE sheet		
Fingerprint reader	None												
Limited warranty <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available												

See footnotes for more detailed information

US model(s) announced August 7, 2012

US model(s) withdrawn effective December 31, 2013

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(GLN1c-1) January 2014

# ThinkPad® Edge E530c 3366 (Intel) - TopSeller (Windows 8) - withdrawn

Product Specifications Reference  
(PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>8</sup> rpm	PCIe Mini Card WLAN / BT	PCIe Mini Card WWAN /mSATA	Card Numeric Keypad	Top color	Finger-print reader	Bat-tery cells	Preload	Ann date (mm/yy)
3366-33U	i3-2328M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win7 Pro64	10/12
3366-32U	i3-2328M	2GBx1	15.6" HD	720p	320G 5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win7 Pro64	10/12
3366-2ZU	i3-2328M	4GBx1	15.6" HD	720p	320G 5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win8 Pro64	10/12
3366-2XU	i3-2328M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win8 Pro64	10/12
3366-2VU	i3-2328M	2GBx1	15.6" HD	720p	320G 5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win8 Pro64	10/12
3366-5AU	i3-2348M	4+2GB	15.6" HD	Glos 720p	750G 5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win8 Pro64	01/13
3366-59U	i3-2348M	4GBx1	15.6" HD	720p	320G 5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win8 Pro64	01/13
3366-58U	i3-2348M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win8 Pro64	01/13
3366-57U	i3-2348M	4+2GB	15.6" HD	Glos 720p	750G 5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win7 Pro64	01/13
3366-56U	i3-2348M	4GBx1	15.6" HD	720p	320G 5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win7 Pro64	01/13
3366-55U	i3-2348M	2GBx1	15.6" HD	720p	320G 5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win7 Pro64	01/13
3366-54U	i3-2348M	4GBx1	15.6" HD	720p	500G 5400	Intel 2230 + BT	None	Numpad	Black textured	None	6	Win7 Pro64	01/13

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> <b>Intel® Core™ i3-2328M processor (2 cores, 2.20GHz, 3MB cache), Intel HD Graphics 3000,</b> DDR3 memory controller (up to 1333MHz), HT technology <b>Intel Core i3-2348M processor (2 cores, 2.30GHz, 3MB cache), Intel HD Graphics 3000,</b> DDR3 memory controller (up to 1333MHz), HT technology										<b>Preloaded operating system<sup>20</sup></b> - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 Pro 64-bit <b>Preloaded applications (only some listed)</b> - <b>Windows 7 models</b> • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader® - <b>Windows 8 models</b> • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage - <b>All models</b> • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate
Memory	16GB max <sup>7</sup> / 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	Some: <b>15.6"</b> (396mm) <b>HD (1366x768) color</b> , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: <b>15.6"</b> (396mm) <b>HD (1366x768) color</b> , 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	<b>Intel HD Graphics 3000</b> 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®	Black textured (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar <sup>13</sup>										
Touchpad ThinkLight™	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None										
Dimensions <sup>3</sup>	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 <sup>2</sup>	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 <sup>37</sup>	Lithium Ion 6-cell										
Battery - life <sup>10</sup>	6-cell (48Whr): up to 5.7 hr										
Chipset	<b>Mobile Intel HM77 Express Chipset</b>										
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 <sup>4</sup>	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2										Supports ThinkVantage® technologies 65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>
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	None										
Limited warranty <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available										For compatible accessories, please go to O-E530 sheet; For Lenovo <sup>22</sup> service upgrade options, please go to S-EDGE sheet

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

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(GLN1c-2) January 2014

# ThinkPad® Edge E535 3260 (AMD) - TopSeller - withdrawn

Product Specifications Reference  
(PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>5</sup> 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)
3260-5UU	A6-4400M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	Finger	6	Pro 64	06/12
3260-5VU	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Pro 64	06/12
3260-5SU	A4-4300M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	None	6	Pro 64	07/12
3260-5TU	A4-4300M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	None	6	Prem 64	07/12
3260-DRU	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Pro 64	07/12
3260-DQU	A10-4600M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Pro 64	07/12
3260-EAU	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Prem 64	08/12
3260-E9U	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Prem 64	08/12
3260-E8U	A10-4600M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Prem 64	08/12

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

Positioning Processor	<p><i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i>  <b>AMD Accelerated Processor A4-4300M</b> (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)  <b>AMD Accelerated Processor A6-4400M</b> (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)  <b>AMD Accelerated Processor A8-4500M</b> (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)  <b>AMD Accelerated Processor A10-4600M</b> (quad-core, 2.30GHz, 4MB L2 cache), integrated AMD Radeon HD 7660G Graphics, AMD Turbo Core technology (up to 3.20GHz), integrated DDR3 memory controller (up to 1600MHz)</p>										<p><b>Preloaded operating system</b><sup>20</sup>                      - Some: Genuine Windows® 7 Home Premium 64                      - Some: Genuine Windows 7 Professional 64</p> <p><b>Ready to install applications</b><sup>14</sup> (only some listed)                      • One Key Recovery Pro</p> <p><b>Preloaded applications</b><sup>14</sup> (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</p>
Memory	16GB max <sup>7</sup> / 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	<b>15.6"</b> (396mm) <b>HD (1366x768) color</b> , 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	<p><b>AMD Radeon HD Graphics</b> 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></p>										
Keyboard	<p><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</p>										
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar <sup>13</sup>										
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch										
ThinkLight™	None										
Dimensions <sup>3</sup>	<p><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</p>										
Weight <sup>2</sup>	6-cell: from 5.4 lb (2.45kg)										
Case color	<p><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</p>										
Case material	<p><i>Matte black or Matte red (top):</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic  <i>Black aluminum (top):</i> Aluminum</p>										
Battery - type <sup>37</sup>	Lithium Ion 6-cell										
Battery - life <sup>10</sup>	6-cell (48Whr): up to 6.0 hr										
Chipset	<b>AMD A70M FCH</b>										
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 <sup>4</sup>	One PCI Express Mini Card slot <i>Some:</i> 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 <i>Some:</i> 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1										Supports ThinkVantage® technologies
WWAN	None										65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>
Modem	None										
Bluetooth™	<i>Some:</i> 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										For compatible accessories, please go to O-E530 sheet;
Security chip	None										For Lenovo <sup>22</sup> service upgrade options, please go to S-EDGE sheet
Fingerprint reader	<i>Some:</i> AuthenTec fingerprint reader on palm rest, swipe sensor										
Limited warranty <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available										

See footnotes for more detailed information

US model(s) announced June 19, July 24, July 31 or August 28, 2012

US model(s) withdrawn effective December 31, 2013

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(GLN11-1) January 2014

# ThinkPad® Edge E535 3260 (AMD) - TopSeller (Windows 8) - withdrawn

Product Specifications Reference  
(PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>3</sup> 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-EFU	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win7 Pro64	10/12
3260-EDU	A4-4300M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	None	6	Win7 Pro64	10/12
3260-ECU	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win7 Pro64	10/12
3260-E7U	A4-4300M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	Finger	6	Win8 64	10/12
3260-E6U	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win8 64	10/12
3260-E5U	A6-4400M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	Finger	6	Win8 64	10/12
3260-E4U	A6-4400M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	Finger	6	Win8 Pro64	10/12
3260-E3U	A4-4300M	4GBx1	15.6" HD	720p	320G 7200	TP 11b/g/n	None	Numpad	Matte black	Finger	6	Win8 Pro64	10/12
3260-E2U	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win8 64	10/12
3260-DZU	A10-4600M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win8 64	10/12
3260-DYU	A10-4600M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win8 Pro64	10/12
3260-DXU	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win8 Pro64	10/12
3260-DVU	A6-4400M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	Finger	6	Win8 Pro64	10/12
3260-FMU	A8-4500M	4+2GB	15.6" HD	720p	750G 5400	TP 11b/g/n + BT	None	Numpad	Matte black	None	6	Win8 Pro64	05/13
3260-FLU	A8-4500M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	None	6	Win7 Pro64	05/13
3260-FKU	A10-4600M	4+2GB	15.6" HD	720p	750G 5400	TP 11b/g/n + BT	None	Numpad	Matte black	None	6	Win7 Pro64	05/13
3260-FJU	A10-4600M	4GBx1	15.6" HD	720p	500G 7200	TP 11b/g/n + BT	None	Numpad	Matte black	None	6	Win7 Pro64	05/13

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; two spindles</i> <b>AMD Accelerated Processor A4-4300M</b> (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) <b>AMD Accelerated Processor A6-4400M</b> (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) <b>AMD Accelerated Processor A8-4500M</b> (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) <b>AMD Accelerated Processor A10-4600M</b> (quad-core, 2.30GHz, 4MB L2 cache), integrated AMD Radeon HD 7660G Graphics, AMD Turbo Core technology (up to 3.20GHz), integrated DDR3 memory controller (up to 1600MHz)	<b>Preloaded operating system</b> <sup>20</sup> - <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 <b>Preloaded applications</b> (only some listed) - <b>Windows 7 models</b> • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap • Adobe® Reader® - <b>Windows 8 models</b> • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage - <b>All models</b> • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate
Memory	16GB max <sup>7</sup> / 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	<b>15.6"</b> (396mm) <b>HD (1366x768) color</b> , 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	<b>AMD Radeon HD Graphics</b> 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> 1920x1600 (VGA) @60Hz; 1920x1200 (HDMI) @60Hz	
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 <sup>13</sup>	
ThinkLight™	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch	
Dimensions <sup>3</sup>	<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 <sup>2</sup>	<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	<i>Matte black or Matte red (top):</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic	
Battery - type <sup>37</sup>	Lithium Ion 6-cell	
Battery - life <sup>10</sup>	<i>6-cell (48Whr):</i> up to 6.0 hr	
Chipset	<b>AMD A70M FCH</b>	
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 <sup>4</sup>	One PCI Express Mini Card slot <i>Some:</i> 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 <i>Some:</i> 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1	Supports ThinkVantage® technologies
WWAN	None	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>
Modem	None	
Bluetooth™	<i>Some:</i> 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	For compatible accessories, please go to O-E530 sheet;
Fingerprint reader	<i>Some:</i> AuthenTec fingerprint reader on palm rest, swipe sensor	For Lenovo <sup>22</sup> service upgrade options, please go to S-EDGE sheet
Limited warranty <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available	

See footnotes for more detailed information  
US model(s) announced October 23, 2012 or May 21, 2013  
US model(s) withdrawn effective December 31, 2013

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(GLN11-2) January 2014

# ThinkPad® Edge E530, E535 Accessories - withdrawn

Product Specifications Reference (PSREF)

<b>Memory</b>			<b>Batteries<sup>37</sup></b>		
2GB PC3-12800 DDR3 SODIMM	0A65722	ann 06/05/12	ThinkPad Battery 75+ (6-cell)	0A36311	ann 04/10/12
4GB PC3-12800 DDR3 SODIMM	0A65723	ann 06/05/12	ThinkPad External Battery Charger <sup>44</sup>	40Y7625	ann 09/20/05
<b>Storage and removable storage</b>			<sup>44</sup> Requires the <i>ThinkPad 90W AC Adapter</i> 40Y7659 or the adapter provided with the system.		
USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09	More information at <a href="http://www.lenovo.com/alldaycomputing">www.lenovo.com/alldaycomputing</a>		
USB 3.0 Secure 500GB Hard Drive	0A65619	ann 11/29/11	ThinkPad 65W AC Adapter <sup>45</sup>	40Y7696	ann 01/05/06
USB 3.0 Secure 750GB Hard Drive	0A65616	ann 11/29/11	<sup>45</sup> Only compatible with the integrated graphics models.		
USB 3.0 Secure 1TB Hard Drive	0A65621	ann 08/28/12	ThinkPad 90W AC Adapter	40Y7659	ann 09/20/05
<i>E530 Only:</i>			90W Ultralim AC/DC Combo Adapter	41R4493	ann 09/22/09
ThinkPad 16GB mSATA Solid State Cache Drive	0B47309	ann 12/11/12	More info at <a href="http://www.lenovo.com/support/poweradapters">www.lenovo.com/support/poweradapters</a>		
<b>ThinkPad Expansion</b>			<i>Charging tips for 90W Ultralim AC/DC Combo Adapter 41R4493</i>		
Lenovo® Essential Notebook Stand	45J9292	ann 05/12/09	•iPod and iPhone Charge Tip (L10a)	41R4481	ann 12/18/07
USB 2.0 Port Replicator with Digital Video	0A33942	ann 03/22/11	•Generic Micro USB charge tip (L18)	41R4490	ann 01/06/09
<b>Keyboard</b>			More information at <a href="http://www.lenovopowertips.com">www.lenovopowertips.com</a>		
TrackPoint Cap Collection	73P2698	ann 12/16/03	<b>Carrying Cases</b>		
Ultralim Plus Wireless Keyboard and Mouse <sup>52</sup>	0A34032	ann 04/05/11	<i>Up to 15.6" widescreen models:</i>		
<sup>52</sup> Wireless via 2.4GHz technology using a micro-size USB receiver.			Lenovo Messenger Max	41U5253	ann 05/01/07
USB Numeric Keypad	33L3225	ann 05/01/00	Lenovo Performance Backpack	41U5254	ann 05/01/07
Preferred Pro USB Keyboard	73P5220	ann 06/21/05	ThinkPad Business Topload Case	43R2476	ann 05/13/08
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04	ThinkPad Business Backpack	43R2482	ann 05/13/08
ThinkPad USB Keyboard with TrackPoint	55Y9003	ann 08/18/09	ThinkPad Deluxe Expander Case	43R2478	ann 05/13/08
Lenovo USB Fingerprint Keyboard	73P4730	ann 02/22/05	ThinkPad Executive Leather Case	43R2480	ann 05/13/08
Lenovo USB Smartcard Keyboard	51J0155	ann 03/24/09	Lenovo Sport Backpack - Red	0A33896	ann 02/28/12
<b>Mouse</b>			Lenovo Sport Slimcase - Red	0A33897	ann 02/28/12
ThinkPad Bluetooth Laser Mouse	0A36407	ann 06/26/12	Lenovo Sport Messenger - Red	0A33898	ann 02/28/12
Lenovo Optical Mouse (USB)	06P4069	ann 05/21/03	Lenovo Sport Backpack - Blue	0B47298	ann 08/28/12
Lenovo Laser Mouse (USB)	41U3074	ann 01/23/07	Lenovo Sport Slimcase - Blue	0B47300	ann 08/28/12
ThinkPad USB Laser Mouse	57Y4635	ann 12/15/09	Lenovo Sport Messenger - Blue	0B47299	ann 08/28/12
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405	ann 08/27/02	Lenovo Sport Backpack - Grey	0B47301	ann 08/28/12
ThinkPad Travel Mouse (USB, Optical)	31P7410	ann 06/04/02	Lenovo Sport Slimcase - Grey	0B47303	ann 08/28/12
Lenovo Wireless Laser Mouse <sup>52</sup>	0A36188	ann 12/20/11	Lenovo Sport Messenger - Grey	0B47302	ann 08/28/12
<sup>52</sup> Wireless via 2.4GHz technology using a micro-size USB receiver.			More information at <a href="http://www.lenovo.com/support/cases">www.lenovo.com/support/cases</a>		
<b>Security</b>			<b>Monitors</b>		
3M 15.6W Privacy Filter from Lenovo	0A61771	ann 04/05/11	ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) <sup>69</sup>	2448MB6	ann 09/13/11
Kensington® MicroSaver® Cable Lock	73P2582	ann 12/29/03	ThinkVision LT1421 Wide 14" Mobile Monitor		
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08	with Protective Screen Cover (USB 2.0)	1452DS6	ann 08/16/11
Lenovo Security Cable Lock	57Y4303	ann 08/24/10	More information at <a href="http://www.lenovo.com/support/monitors">www.lenovo.com/support/monitors</a>		
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06	<b>Monitor Accessories<sup>46</sup></b>		
<b>Multimedia</b>			Lenovo USB Soundbar	0A36190	ann 05/01/12
ThinkPad In-Ear Headphones with mic	57Y4488	ann 01/07/10	Lenovo HDMI to HDMI Monitor Cable	0B47070	ann 05/22/12
<b>Modem</b>			Lenovo HDMI to VGA Monitor Cable	0B47069	ann 06/26/12
USB 2.0 Lenovo Modem	43R1814	ann 02/26/08	Lenovo USB 3.0 to DVI/VGA Monitor Adapter	0B47072	ann 08/14/12
			Kensington MicroSaver Cable Lock	73P2582	ann 12/29/03
			Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
			Lenovo Security Cable Lock	57Y4303	ann 08/24/10
			Lenovo Easy Reach Monitor Stand	55Y9258	ann 09/22/09
			<sup>46</sup> Compatible on selected Lenovo and ThinkVision monitors.		
			More information at <a href="http://www.lenovo.com/support/monitoraccessories">www.lenovo.com/support/monitoraccessories</a>		
			For more information on accessories:		
			<a href="http://www.lenovo.com/accessories">www.lenovo.com/accessories</a>		
			Purchase Lenovo accessories		
			<a href="http://www.lenovo.com/support/accessories">www.lenovo.com/support/accessories</a>		
			Product specifications on Lenovo Support		
			<a href="http://www.lenovo.com/accessoriesguide">www.lenovo.com/accessoriesguide</a>		
			Option Compatibility Matrix (OCM) and accessory brochures		
			<a href="http://www.lenovoquickpick.com">www.lenovoquickpick.com</a>		
			An Options Compatibility Configurator for Lenovo systems		

**Availability:** All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

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

**Footnotes:**

- <sup>1</sup> Power management, including Intel® SpeedStep® Technology, reduces processor speed when in battery mode.
- <sup>2</sup> **Weight** includes battery and standard optical drive; weight may vary due to vendor components, manufacturing process and options.
- <sup>3</sup> **Thinness** may vary at certain points on the system.
- <sup>4</sup> **Wireless capability:** Requires compatible wireless-enabled options sold separately.
- <sup>6</sup> **Public network download modem speeds** are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.
- <sup>7</sup> **Maximum memory capacity** may require the replacement of standard component with largest supported component available. On ThinkPad systems, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems Windows XP Professional 64-bit and Windows Vista 64-bit Editions.
- <sup>8</sup> **Hard drive:** GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.

<sup>10</sup> **Battery:** These model numbers achieved the battery life based on MobileMark® 2007 during testing. Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.

<sup>12</sup> **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.

<sup>13</sup> **Internet access not included.**

<sup>14</sup> **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

<sup>16</sup> **Activating Verizon Wireless Service:** Lenovo customers will be contacted after purchase to activate service; requires separate agreement with Verizon Wireless and is subject to the Customer Agreement, Calling Plan, and credit approval. Service, airtime, and early termination charges may apply. Verizon Wireless, not Lenovo, is solely responsible for service. Service not available in all areas; purchaser is responsible for verifying that service is available for the intended location before purchasing a computer equipped with WAN card. Network details, coverage limitations, and maps at [www.verizonwireless.com](http://www.verizonwireless.com).

<sup>17</sup> **International Warranty Service** is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.

<sup>18</sup> **Telephone support** may be subject to additional charges, even during the limited warranty period. Response times may vary. May exclude some holidays. If a machine is listed as having "On-site service for select repairs", this means that onsite service is available only for the replacement of select parts. For all other warranty repairs, Lenovo will provide the customer a replacement part for customer installation. The parts for which onsite service is available varies by machine, but may include the processor, power supply, heat sink, system board, or base cover. For ThinkPad notebooks with EasyServ or Courier service, Lenovo will attempt to diagnose and resolve the problem remotely before sending a courier.

<sup>19</sup> **EasyServ depot repair service:** In the United States call 1-800-426-7378. The customer may be asked certain diagnostic questions before a courier is sent. Your ThinkPad purchase includes this depot repair service, available in the U.S. during the limited warranty period.

<sup>20</sup> **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to [lenovo.com/pc/support](http://lenovo.com/pc/support) and enter your machine type and model number for more information.



<sup>22</sup> **ThinkPlus Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part will be express shipped to you for quick replacement. Onsite 24x7x2-hour service is not available in all locations. For ThinkPad notebooks requiring LCD or other component replacement, Lenovo may choose to perform service at the depot repair center. Calls must be received by 5 pm local time in order to qualify for Next Business Day service. P&L means parts and labor. P/U means pick-up. See ThinkPlus terms and conditions for complete details and restrictions.

<sup>23</sup> **Activating AT&T Wireless Service:** Requires separate agreement with AT&T, subject to service agreement, rate plan and coverage maps. AT&T, not Lenovo, is solely responsible for service. Coverage not available in all areas; AT&T BroadbandConnect available in select metropolitan markets. Special credit and tenure restrictions and additional charges may apply to international roaming. A network connection, third-party software, additional hardware, and/or subscription to a third-party service may be required for certain solutions/applications. Additional restrictions apply, including early termination fee; see [www.wireless.att.com](http://www.wireless.att.com) for details. To activate call Lenovo Wireless Activation Hot Line at 1-877-299-4710.

<sup>24</sup> **Limited onsite service systems** are designed to be repaired during the applicable warranty period primarily with customer-replaceable parts provided by Lenovo. Lenovo will only send a technician onsite to perform a repair if (a) remote telephone diagnosis and/or customer part replacement are unable to resolve the problem, or (b) the part is one of the few designated by Lenovo for onsite replacement. For a list of onsite replaceable parts, contact Lenovo. In the United States call 1-800-426-7378. Support unrelated to a warranty issue may be subject to additional charges. Lenovo onsite repair (LOR), 8 am to 5 pm, Monday through Friday coverage excluding holidays, next business day (NBD) response time.

<sup>27</sup> **Based on IEEE 802.11a and 802.11b.** A customer can not upgrade to a different wireless Mini PCI adapter due to FCC regulations. Security screws prevent removal of this adapter. This wireless LAN product has been designed to permit legal operation world-wide in regions which it is approved. This product has been tested and certified to be interoperable by the Wireless Ethernet Compatibility Alliance and is authorized to carry the Wi-Fi logo.

<sup>28</sup> **The IEEE 802.11n specification (MIMO)** has not been finalized and is currently in draft release. The ThinkPad 11a/b/g/n (11n) Wireless LAN Mini PCI Express Adapters are based on the Draft Release, Version 1.02, of the IEEE 802.11n specification. The Intel Mini PCI Express Adapters are based on the Draft Release, Version 2.0 of the IEEE 802.11n specification. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, or 11a/b/g/n can communicate on any of its supported formats.

<sup>30</sup> **Measures only maximum** data transfer rate, not application performance. Many factors affect application performance.

<sup>32</sup> **Wireless:** Based on IEEE 802.11a, 802.11b, and 802.11g respectively. An adapter with 11a/b, 11b/g, or 11a/b/g can communicate on either/any of these listed formats respectively, the actual connection will be based on the access point to which it connects.

<sup>35</sup> **Operating system:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to [lenovo.com/think/support](http://lenovo.com/think/support) and enter your machine type and model number for more information.

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January 2014  
lsewbook.pdf