

# ThinkPad® Edge E420 1141 (Intel) - TopSeller

Personal Systems Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>3</sup> rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN /mSATA	Carrier	Top color	Finger print reader	Blue-tooth	Battery cells	Preload
1141-55U	i3-2310M	4GBx1	14.0" HD	720p	320G 7200	TP 11b/g/n	None	None	Matte black			6	Pro 64
1141-56U	i3-2310M	4GBx1	14.0" HD	720p	320G 7200	TP 11b/g/n	None	None	Matte black			6	Prem 64
1141-57U	i3-2310M	4GBx1	14.0" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64
1141-58U	i3-2310M	4GBx1	14.0" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Prem 64
1141-9BU	i5-2520M	2GBx2	14.0" HD	720p	500G 7200	Intel 1000	None	None	Matte black	Finger	Blue	6	Pro 64

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

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles <b>Intel® Core™ i3-2310M processor (dual-core, 2.10GHz, 3MB Cache),</b> DDR3 memory controller (up to 1333MHz), HT technology <b>Intel Core i5-2520M processor (dual-core, 2.50GHz, 3MB Cache),</b> DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology										<b>Preloaded operating system<sup>20</sup></b> - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64		
Memory	8GB max <sup>7</sup> / PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets										<b>Ready to install applications<sup>14</sup></b> (all OSes; only some listed) • Rescue and Recovery™ • Access Connections™ • Fingerprint Software (fingerprint models) • Password Manager (fingerprint models) • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Toolbox		
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, Shock Mounted Hard Drive, Active Protection System™										<b>Preloaded applications<sup>14</sup></b> (all OSes; only some listed) • Norton™ Internet Security 2011 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Microsoft Office 2010 preloaded; purchase product key to activate • Adobe Acrobat® X Standard (bundled with Microsoft Office) • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW)		
mSATA™ SSD	None												
Widescreen display	<b>14.0"</b> (355mm) <b>HD (1366x768) color</b> , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio										Supports ThinkVantage® technologies		
Camera	HD720p resolution, wide view angle, low light sensitive, fixed focus												
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>										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> via 800-426-7378		
Keyboard	6-row, spill-resistant, multimedia Fn keys												
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar <sup>13</sup>										For compatible accessories, please go to O-E420 sheet; For ThinkPlus™, <sup>22</sup> service upgrade options, please go to S-EDGE sheet		
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch												
ThinkLight™	None										For ThinkPlus™, <sup>22</sup> service upgrade options, please go to S-EDGE sheet		
Dimensions <sup>3</sup>	<i>14.0W" (WxDxH): 13.52" x 9.20" x 1.13-1.43"; 343.4 x 233.6mm x 28.7-36.4mm</i>												
Weight <sup>2</sup>	<i>4-cell: from 4.6 lb (2.1kg); 6-cell: from 4.85 lb (2.2kg); 9-cell: from 5.2 lb (2.36kg)</i>										Limited warranty <sup>12</sup> <b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available		
Case color	Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom												
Case material	Acrylonitrile-Butadiene-Styrene (ABS) plastic										See footnotes for more detailed information		
Battery - type <sup>37</sup>	Lithium Ion 4-cell, 6-cell, or 9-cell												
Battery - life <sup>10</sup>	<i>4-cell: up to 4.1 hr; 6-cell: up to 6.2 hr; 9-cell: up to 11.7 hr</i>										© Lenovo (LW1-1) June 2011		
Chipset	<b>Mobile Intel HM65 Express Chipset</b>												
ExpressCard	One ExpressCard/34										See footnotes for more detailed information		
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)												
Ports	Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)										See footnotes for more detailed information		
PCIe Mini Card WLAN <sup>4</sup>	Two PCI Express Half Mini Card slots <i>Some: ThinkPad 11b/g/n, PCIe Half Mini Card, Realtek® chipset, 1x1</i> <i>Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2</i>												
WWAN	None										See footnotes for more detailed information		
Modem	None												
Bluetooth™	<i>Some: Bluetooth 3.0 wireless</i>										See footnotes for more detailed information		
Ethernet	Realtek® RTL8111E Gigabit Network Connection												
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 1 watt x 2/ mono digital microphone, combo audio/mic jack										See footnotes for more detailed information		
Security	Power-on password, hard disk password, supervisor password, security keyhole												
Security chip	None										See footnotes for more detailed information		
Fingerprint reader	<i>Some: UPEK Fingerprint reader on palm rest, swipe sensor</i>												

See footnotes for more detailed information

US model announced June 21, 2011; previous models on April 19, 2011

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