

Country Code"++": AT (Austria), FR (France), GB (Germany w/ English OS), GE (Germany w/ German OS), IV (Israel), IW (Iceland), IX (Italy), MB (Belgium), MD (Denmark), MH (Netherlands), ML (Luxembourg), MN (Norway), MS (Sweden), MZ (Switzerland), NX (Netherlands), PG (Portugal), SP (Spain), UK (United Kingdom)

Note: models listed above might not be available in all WE countries

Positioning	<i>Sophisticated design with quality, durability and reliability for SMB customers; one spindles</i>	Preloaded operating system²⁰ <ul style="list-style-type: none">- <i>Some: Windows[®] 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit</i>- <i>Some: Windows 8 64-bit</i>- <i>Some: Windows 8 Pro 64-bit</i>- <i>Some: Windows 8.1 64-bit</i>- <i>Some: Windows 8.1 Pro 64-bit</i> Preloaded applications (only some listed for Windows 8) <ul style="list-style-type: none">• Lenovo Support• Lenovo Companion• Lenovo Cloud Storage• Password Manager• Fingerprint Software (fingerprint models)• ThinkVantage System Update• Norton[™] Internet Security (30 days of virus definitions)• Microsoft Office preloaded; purchase a product key to activate
Processor	Intel[®] Core[™] i3-4010U processor (2 cores, 1.70GHz, 3MB Cache), Intel HD Graphics 4400 , DDR3 memory controller (up to 1600MHz), HT technology	
	Intel Core i3-4030U processor (2 cores, 1.90GHz, 3MB Cache), Intel HD Graphics 4400 , DDR3 memory controller (up to 1600MHz), HT technology	
	Intel Core i5-4200U processor (2 cores, 1.60GHz, 3MB cache), Intel HD Graphics 4400 , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.60GHz), HT technology	
	Intel Core i5-4210U processor (2 cores, 1.70GHz, 3MB cache), Intel HD Graphics 4400 , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.70GHz), HT technology	
	Intel Core i7-4500U processor (2 cores, 1.80GHz, 4MB cache), Intel HD Graphics 4400 , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.00GHz), HT technology	
	Intel Core i7-4510U processor (2 cores, 2.00GHz, 4MB Cache), Intel HD Graphics 4400 , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology	
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, one 204-pin SO-DIMM socket	
Optical	None	
SATA disk	<i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high</i> <i>Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, removable, upgradable, Active Protection System[™]</i>	
M.2 SSD	<i>Some: M.2 Solid State Drive (SSD), via M.2 Card slot</i>	
Widescreen display	<i>Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio</i> <i>Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, 10-point touch screen LED backlight, 220 nits, 16:9 aspect ratio</i>	
Camera	HD720p resolution, low light sensitive, fixed focus, LED indicator	
Graphics	Intel HD Graphics 4400 in processor, or AMD Radeon[™] HD 8670M Graphics, 2GB memory external digital monitor support via HDMI [™] ; <i>Max external resolution: 1920x1200 (HDMI) @60Hz</i>	
Keyboard	6-row, spill-resistant, multimedia Fn keys, LED backlight	Supports ThinkVantage[®] technologies
TrackPoint [®]	TrackPoint pointing device, Internet Scroll Bar ¹³	
Touchpad	UltraNav [™] , wide touchpad below keyboard, integrated five buttons, multi-touch	
ThinkLight [™]	None	
Dimensions ³	14.0W" (WxDxH): 13.10" x 8.85" x 0.87"; 332.8mm x 224.8mm x 22.1mm	
Weight ²	4-cell: from 4.23 lb (1.92kg)	
Case color	Black or silver (top); black bottom	
Case material	Sand Blast Aluminum (top)	
Battery - type ³⁷	Li-Polymer 4-cell (46Whr)	
Battery - life ¹⁰	<i>MobileMark 2007: Windows 8: up to 6.7 hr</i> <i>MobileMark 2012: Windows 8: up to 5.3 hr</i>	
Chipset	Intel 4th Generation core 1 chip (integrated chipset with processor)	
ExpressCard	None	
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)	
Ports	Two USB 3.0 (one powered), OneLink Docking port external monitor (HDMI), ethernet (RJ-45)	
PCIe Mini Card	One PCI Express Mini Card slot	
PCIe WLAN ⁴	<i>Some: 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2</i> <i>Some: 11ac, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + Bluetooth combo adapter, 2x2</i>	
M.2 Card	One M.2 Card slot for support of WWAN card or SSD	
M.2 WWAN	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 20751 codec / stereo speakers, 1.5 watt x 2 / Dolby [®] Home Theater [®] v4 / dual array microphone, combo audio/mic jack	
Security	Power-on password, hard disk password, supervisor password, security keyhole	
Security chip	Trusted Platform Module, TCG 1.2-compliant	
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor	
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available	

See footnotes for more detailed information

Model		20AY00BE++
Product		S440
Region		WE
Machine Type		20AY
TopSeller		TopSeller
Processor		I7-4510U
vPro		No
Graphics		AMD HD 8670M
Chipset		Intel 4th Generation core 1 chip
Memory		8GBx1
Display		14.0" HD+ (1600x900)
Multi-touch		Multi-touch
Color		Black
Storage		256GB SSD OPAL
Optical		No
WLAN &Bluetooth		Intel 7260 ac + BT4.0
WWAN/SSD		No
SIM Card		No
Camera		720p
Keyboard		Backlit Keyboard
Fingerprint Reader		Fingerprint
NFC		No
Battery		4-cell (46wh)
Power Adapter (watt)		65W
Preload		Windows 8.1 64
Base Warranty		1-year, depot
Global		No
Ann Date (m/y)		2014-06-17



