

Processor	6th Generation Intel® Core™ i3 / i5 / i7 Processor (i7-6500U for discrete models only)							
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
	i3-6100U	2	4	2.3 GHz	-	3MB	DDR3L-1600	Intel HD graphics 520
	i5-6200U			2.3 GHz	2.8 GHz	3MB		
	i5-6300U			2.4 GHz	3.0 GHz	3MB		
	i7-6500U			2.5 GHz	3.1 GHz	4MB		
i7-6600U	2.6 GHz			3.4 GHz	4MB			
Graphics	Intel HD Graphics 520 in processor only, or Intel HD Graphics 520 in processor and NVIDIA GeForce® 940MX, 2GB memory (discrete graphics is only available in US); supports external digital monitor via HDMI or Mini DisplayPort; supports three independent displays; Max resolution: 3840x2160 @60Hz (DisplayPort via Mini DisplayPort cable); 1920x1080 @60Hz (HDMI)							
Chipset	Intel SoC (System on Chip) platform							
Memory	32GB max <sup>7</sup> / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two DDR3L SO-DIMM sockets							
Display	<i>Some:</i> 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 350:1 contrast ratio <i>Some:</i> 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 160° viewing angle							
Multi-touch (opt)	In-cell touch, supports 10-finger gesture, 250 nits							
Storage	<i>Some:</i> SSD / SATA 6.0Gb/s (e.g. xxxG SSD) <i>Some:</i> SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxG SSD PCIe NVMe) <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Shock Mounted Hard Drive, Active Protection System™ <i>Some:</i> SSHD with 8GB NAND flash memory (WE only)							
Optical	None							
Ethernet	<i>Non-vPro model:</i> Intel Ethernet Connection I219-V (Jacksonville) <i>vPro model:</i> Intel Ethernet Connection I219-LM (Jacksonville)							
WLAN <sup>4</sup>	<i>One of the following, configurable by model (WiGig can coexist with WWAN):</i> <ul style="list-style-type: none"><li>• 11ac+BT, Broadcom BCM4356, 2x2, M.2 card</li><li>• 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card</li><li>• WiGig™+11ac+BT, Intel Tri-Band Wireless-AC 18260, 2x2 WLAN, WiGig, M.2 card</li></ul>							
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
WWAN (optional)	<i>One of the following, configurable by model (WWAN can coexist with WiGig):</i> <ul style="list-style-type: none"><li>• Wireless WAN upgradable</li><li>• Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card</li><li>• Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)</li></ul>							
SIM card (opt)	Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card							
Dimensions <sup>3</sup>	WxDxH: 13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm							
Weight <sup>2</sup>	Models		No + 6-cell		3-cell + 3-cell		3-cell + 6-cell	
	Integrated Non-touch		3.84 lb / 1.74 kg		3.82 lb / 1.73 kg		4.13 lb / 1.87 kg	
	Integrated Multi-touch		3.91 lb / 1.77 kg		3.88 lb / 1.76 kg		4.20 lb / 1.90 kg	
	Discrete Non-touch		3.86 lb / 1.75 kg		3.90 lb / 1.77 kg		4.22 lb / 1.91 kg	
	Discrete Multi-touch		3.93 lb / 1.78 kg		3.97 lb / 1.80 kg		4.28 lb / 1.94 kg	
Case material	Glass-Fiber Reinforced Plastic							

Smart card reader	<i>Optional:</i> Smart card reader																						
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)																						
Ports	Three USB 3.0 (one Always On), MiniDP, HDMI, Ethernet (RJ-45), Dock connector																						
WiGig dock (opt)	WiGig dock, coexists with WWAN (WE only)																						
Camera (optional)	HD720p resolution, low light sensitive, fixed focus																						
Audio support	HD Audio, Realtek® ALC3245 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack																						
Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight																						
UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad																						
Security	Power-on password, hard disk password, supervisor password, security keyhole																						
Security chip	Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset																						
ThinkEngine	Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures																						
vPro (optional)	Intel vPro Technology																						
Fingerprint reader	<i>Optional:</i> Swipe style fingerprint reader on the keyboard bezel																						
Internal battery	<i>Optional:</i> Integrated Li-Ion or Li-Polymer 3-cell (23Wh)																						
External battery	Li-Ion 3-cell (23Wh) or 6-cell (48Wh or 72Wh)																						
Max battery life (MobileMark® 2014)	<table> <tr> <th>Models</th><th>6-cell 48Wh</th><th>6-cell 72Wh</th><th>3 + 3-cell</th><th>3 + 6-cell 48Wh</th><th>3 + 6-cell 72Wh</th></tr> <tr> <td>Integrated model</td><td>10.8 hr</td><td>15.3 hr</td><td>10.4 hr</td><td>15.1 hr</td><td>20.2 hr</td></tr> <tr> <td>discrete model</td><td>10.5 hr</td><td>15 hr</td><td>10.1 hr</td><td>14.7 hr</td><td>19.7 hr</td></tr> </table>	Models	6-cell 48Wh	6-cell 72Wh	3 + 3-cell	3 + 6-cell 48Wh	3 + 6-cell 72Wh	Integrated model	10.8 hr	15.3 hr	10.4 hr	15.1 hr	20.2 hr	discrete model	10.5 hr	15 hr	10.1 hr	14.7 hr	19.7 hr				
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AC adapter	45W or 65W Slim AC adapter																						
Preload	<div> <div> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 <ul style="list-style-type: none"> <li>• Lenovo Solution Center</li> <li>• ThinkVantage Product Recovery</li> <li>• Rescue and Recovery™</li> <li>• ThinkVantage System Update</li> <li>• Adobe® Reader®</li> <li>• Microsoft® Office preloaded; purchase a product key to activate</li> <li>• McAfee® LiveSafe™ (30-day trial)</li> </ul> </div> <div> Windows 10 Pro 64 <ul style="list-style-type: none"> <li>• Lenovo Solution Center</li> <li>• Lenovo Companion</li> <li>• Lenovo Setting</li> <li>• Microsoft Office preloaded; purchase a product key to activate</li> <li>• McAfee® LiveSafe™ (30-day trial)</li> </ul> </div> </div>																						
Limited warranty <sup>12</sup>	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>• 1-year depot repair service</li> <li>• 3-year/1-yr battery depot repair service</li> <li>• 3-year/1-yr battery limited onsite service<sup>24</sup></li> <li>• 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)</li> </ul>																						
Mil-Spec test	MIL-STD-810G military certification																						
Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant																						