

# ThinkPad T550 Platform Specifications

Product Specifications Reference (PSREF)

Processor	5th Generation Intel® Core™ i5 / i7 Processor								Smart card reader	Optional: Smart card reader																				
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Speed	Processor Graphics	Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)																				
	i5-5200U	2	4	2.2 GHz	2.7 GHz	3MB	DDR3L-1600	Intel HD Graphics 5500	Ports	Three USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector																				
	i5-5300U			2.3 GHz	2.9 GHz	3MB																								
	i7-5600U			2.6 GHz	3.2 GHz	4MB																								
Graphics	Intel HD Graphics 5500 in processor only, or Intel HD Graphics 5500 in processor and NVIDIA GeForce® 940M, 1GB memory (discrete models are only available in Western Europe); supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays; Max resolution: 3840x2160@60Hz (DP via mDP cable); 2560x1600@60Hz (VGA)								Camera (optional)	HD720p resolution, low light sensitive, fixed focus																				
Chipset	Intel SoC (System on Chip) platform								Audio support	HD Audio, Realtek® ALC3232 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack																				
Memory	16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets								Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight																				
Display	<p><i>Some:</i> 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 or 220 nits, 16:9 aspect ratio, 350:1 or 400:1 contrast ratio</p> <p><i>Some:</i> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio</p> <p><i>Some:</i> 15.5" (394mm) 3K (2880x1620), anti-glare, LED backlight, 350 nits, 16:9 aspect ratio, 1000:1 contrast ratio, IPS</p>								UltraNav™	TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch																				
Multi-touch (opt)	Capacitive-type multi-touch, supports 10-finger gesture, 315 nits								Security	Power-on password, hard disk password, supervisor password, security keyhole																				
Storage	<p><i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable</p> <p><i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™</p> <p><i>Some:</i> SSHD with 8GB NAND flash memory</p>								Security chip	Trusted Platform Module, TCG 1.2-compliant																				
M.2 SSD (opt)	Single-sided M.2 SSD, via M.2 card slot								ThinkEngine	Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures																				
Optical	None								vPro (optional)	Intel vPro Technology																				
Ethernet	<p><i>Non-vPro model:</i> Intel Ethernet Connection I218-V (Clarkville)</p> <p><i>vPro model:</i> Intel Ethernet Connection I218-LM (Clarkville)</p>								Fingerprint reader	Optional: Fingerprint reader on the palm rest, swipe sensor																				
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Internal battery	Optional: Integrated Li-Polymer 3-cell (44Wh)																				
WLAN <sup>4</sup>	<p><i>One of the following, configurable by model:</i></p> <ul style="list-style-type: none"> <li>11b/g/n, ThinkPad 11b/g/n, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 card</li> <li>11b/g/n, Intel Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card (WE only)</li> <li>11a/b/g/n, Intel Dual Band Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card (WE only)</li> <li>11ac, Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT adapter, M.2 card</li> </ul>								External battery	Li-Ion or Li-Polymer 3-cell (23Wh) or Li-Ion 6-cell (48Wh or 72Wh)																				
WWAN (optional)	<p><i>One of the following, configurable by model:</i></p> <ul style="list-style-type: none"> <li>Wireless WAN upgradable</li> <li>Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card (WE only)</li> <li>Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card</li> </ul>								Max battery life <sup>10</sup>	<table border="1"> <thead> <tr> <th>Models</th> <th>3-cell + 3-cell</th> <th>3-cell + 6-cell 48Wh</th> <th>3-cell + 6-cell 72Wh</th> </tr> </thead> <tbody> <tr> <td>Battery life</td> <td>14.8 hr</td> <td>20 hr</td> <td>25.2 hr</td> </tr> </tbody> </table>	Models	3-cell + 3-cell	3-cell + 6-cell 48Wh	3-cell + 6-cell 72Wh	Battery life	14.8 hr	20 hr	25.2 hr												
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SIM card (opt)	AT&T® or Verizon® LTE (4G), contract required with service provider								AC adapter	45W AC adapter, 65W Slim AC adapter, or 65W AC adapter																				
Dimensions <sup>3</sup>	<p>15.6" (WxDxH): 14.98" x 10.17" x 0.88"; 380.6mm x 258.2mm x 22.45mm</p> <p>15.6" Touch (WxDxH): 14.98" x 10.17" x 0.92"; 380.6mm x 258.2mm x 23.30mm</p>								Preload	Windows® 7 Professional 64 preinstalled <i>Some:</i> Windows 8.1 64-bit through downgrade rights in Windows 8.1 Pro 64-bit or Windows 10 Pro 64																				
Weight <sup>2</sup>	<table border="1"> <thead> <tr> <th>Models</th> <th>No + 6-cell</th> <th>3-cell + 3-cell</th> <th>3-cell + 6-cell</th> </tr> </thead> <tbody> <tr> <td>Integrated Non-touch</td> <td>4.93 lb / 2.23 kg</td> <td>4.70 lb / 2.13 kg</td> <td>5.04 lb / 2.29 kg</td> </tr> <tr> <td>Integrated Multi-touch</td> <td>-</td> <td>5.01 lb / 2.27 kg</td> <td>5.35 lb / 2.43 kg</td> </tr> <tr> <td>Discrete Non-touch</td> <td>5.01 lb / 2.27 kg</td> <td>4.78 lb / 2.17 kg</td> <td>5.12 lb / 2.32 kg</td> </tr> <tr> <td>Discrete Multi-touch</td> <td>-</td> <td>5.09 lb / 2.31 kg</td> <td>5.43 lb / 2.46 kg</td> </tr> </tbody> </table>								Models	No + 6-cell	3-cell + 3-cell	3-cell + 6-cell	Integrated Non-touch	4.93 lb / 2.23 kg	4.70 lb / 2.13 kg	5.04 lb / 2.29 kg	Integrated Multi-touch	-	5.01 lb / 2.27 kg	5.35 lb / 2.43 kg	Discrete Non-touch	5.01 lb / 2.27 kg	4.78 lb / 2.17 kg	5.12 lb / 2.32 kg	Discrete Multi-touch	-	5.09 lb / 2.31 kg	5.43 lb / 2.46 kg	Limited warranty <sup>12</sup>	<p><i>One of the following, configurable by model:</i></p> <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>
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Case material	<p><i>Display cover:</i> Glass-Fiber Reinforced Plastic (non-touch model) or Carbon-Fiber Reinforced Plastic (multi-touch model);</p> <p><i>Bottom:</i> Glass-Fiber Reinforced Plastic</p>								Environment	EPEAT™ Gold (US) or EPEAT Silver (WE); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant																				