

# ThinkPad T550 Platform Specifications

Product Specifications Reference (PSREF)

Processor	5th Generation Intel® Core™ i5 / i7 Processor								Smart card reader <i>Optional:</i> Smart card reader											
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Speed	Processor Graphics	Multicard 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			Camera (optional)	HD720p resolution, low light sensitive, fixed focus										
	i7-5600U			2.6 GHz	3.2 GHz	4MB			Audio support	HD Audio, Realtek® ALC3232 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack										
Graphics	Intel HD Graphics 5500 in processor only, or Intel HD Graphics 5500 in processor and NVIDIA GeForce® 940M, 1GB memory; 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)								Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight										
Chipset	Intel SoC (System on Chip) platform								UltraNav™	TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch										
Memory	16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets								Security	Power-on password, hard disk password, supervisor password, security keyhole										
Display	Some:	15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 or 220 nits, 16:9 aspect ratio, 350:1 or 400:1 contrast ratio						Security chip	Trusted Platform Module, TCG 1.2-compliant											
	Some:	15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio						ThinkEngine	Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures											
	Some:	15.5" (394mm) 3K (2880x1620), anti-glare, LED backlight, 350 nits, 16:9 aspect ratio, 1000:1 contrast ratio, IPS						vPro (optional)	Intel vPro Technology											
Multi-touch (opt)	Capacitive-type multi-touch, supports 10-finger gesture, 315 nits								Fingerprint reader	<i>Optional:</i> Fingerprint reader on the palm rest, swipe sensor										
Storage	Some:	SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable						Internal battery	<i>Optional:</i> Integrated Li-Polymer 3-cell (44Wh)											
	Some:	HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™						External battery	Li-Ion or Li-Polymer 3-cell (23Wh) or Li-Ion 6-cell (48Wh or 72Wh)											
	Some:	SSHD with 8GB NAND flash memory						Max battery life <sup>10</sup>	<table><tr><td>Models</td><td>3-cell + 3-cell</td><td>3-cell + 6-cell 48Wh</td><td>3-cell + 6-cell 72Wh</td></tr><tr><td>Battery life</td><td>14.8 hr</td><td>20 hr</td><td>25.2 hr</td></tr></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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M.2 SSD (opt)	Single-sided M.2 SSD, via M.2 card slot								AC adapter	45W AC adapter, 65W Slim AC adapter, or 65W AC adapter										
Optical	None								Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit										
Ethernet	<i>Non-vPro model:</i> Intel Ethernet Connection I218-V (Clarkville)									<i>Some:</i> Windows 8.1 64-bit										
	<i>vPro model:</i> Intel Ethernet Connection I218-LM (Clarkville)									<i>Some:</i> Windows 8.1 Pro 64-bit										
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									<ul style="list-style-type: none"><li>• Lenovo Solution Center</li><li>• Lenovo SHAREit</li><li>• Lenovo Companion</li><li>• ThinkVantage System Update</li><li>• PC Device Stage</li><li>• Weather Channel</li><li>• Evernote</li><li>• Maxthon Cloud Browser</li><li>• Bing Translator</li><li>• Norton Studio</li><li>• Microsoft Office preloaded; purchase a product key to activate</li><li>• Norton Internet Security (30 days of virus definitions)</li></ul>										
WLAN <sup>4</sup>	<i>One of the following, configurable by model:</i> <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 + Bluetooth combo adapter, M.2 card</li><li>• 11a/b/g/n, Intel Dual Band Wireless-N 7265, 2x2, Wi-Fi + BT adapter, M.2 card</li><li>• 11ac, Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT adapter, M.2 card</li></ul>																			
WWAN (optional)	<i>One of the following, configurable by model:</i> <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</li><li>• Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card</li></ul>								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, IWS (International Warranty Service)<sup>17</sup></li></ul>										
SIM card (opt)	AT&T® or Verizon® LTE (4G), contract required with service provider								Environment	EPEAT™ Gold (US) or EPEAT Silver (WE); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant										
Dimensions <sup>3</sup>	15.6" (WxDxH):		14.98" x 10.17" x 0.88"; 380.6mm x 258.2mm x 22.45mm																	
	15.6" Touch (WxDxH):		14.98" x 10.17" x 0.92"; 380.6mm x 258.2mm x 23.30mm																	
Weight <sup>2</sup>	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														
Case material	Display cover:		Glass-Fiber Reinforced Plastic (non-touch model) or Carbon-Fiber Reinforced Plastic (multi-touch model);																	
	Bottom:		Glass-Fiber Reinforced Plastic																	