

ThinkPad T570 Platform Specifications

6th Generation Intel® Core™ i5 / i7 Processor							
Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	DDR4-2133	Intel HD Graphics 520
i5-6300U			2.4 GHz	3.0 GHz	3MB		
i7-6600U			2.6 GHz	3.4 GHz	4MB		

or 7th Generation Intel Core i5 / i7 Processor							
Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133	Intel HD Graphics 620
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

Graphics	Intel HD Graphics 520 or 620 in processor only, or Intel HD Graphics 520 or 620 in processor and NVIDIA GeForce® 940MX, 2GB 2.5GHz GDDR5 memory; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2304 @60Hz (USB Type-C); 4096x2160 @24Hz (HDMI)
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Chipset	Intel SoC (System on Chip) platform
Memory	32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets <i>* System clocks down for processors with lower memory controller</i>

Display	<i>Some:</i> 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio <i>Some:</i> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle <i>Some:</i> 15.6" (396mm) 4K (3840x2160), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 72% gamut, 170° viewing angle
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Multi-touch (opt)	On-cell touch, supports 10-finger gesture (FHD only)
Storage	<p><i>System has one HDD slot or one M.2 2280 slot exclusively for storage</i></p> <p><i>Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™</i></p> <p><i>Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)</i></p> <p><i>Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s</i></p> <p><i>Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN and WiGig</i></p>

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	<p>One of the following, configurable by model (WiGig can coexist with WWAN):</p> <ul style="list-style-type: none"> • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only) • Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
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Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
* Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS

WWAN (optional)	<p>One of the following, configurable by model (WWAN can coexist with WiGig):</p> <ul style="list-style-type: none"> • Wireless WAN upgradable • Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card • Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only)
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SIM card (opt) Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card

Dimensions	WxDxH: 14.40" x 9.95" x 0.79-0.80"; 365.8mm x 252.8mm x 19.95-20.2mm																						
Weight	Starting at 4.34 lb / 1.97 kg																						
Case color	Black																						
Case material	Display cover: Glass-Fiber Reinforced Plastic (PPS); Bottom: Glass-Fiber Reinforced Plastic																						
Smart card reader	<i>Optional:</i> Smart card reader																						
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC), supports SD 3.0, UHS-I																						
Ports	Three USB 3.1 Gen 1 (USB 3.0, one Always On), USB 3.1 Type-C Gen 2 / Thunderbolt 3 (w/ the function of Power Delivery and DP), HDMI 1.4b, Ethernet (RJ-45), Dock connector <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>																						
WiGig dock (opt)	ThinkPad WiGig dock (US only)																						
Monitor cable (optional)	HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter USB-C to VGA: Lenovo USB-C to VGA Adapter																						
Camera (optional)	720p: HD720p resolution, fixed focus IR & 720p: IR camera and HD720p camera (mutually exclusive with WiGig)																						
Audio support	HD Audio, Realtek ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack																						
Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight 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 2.0, TCG Certified																						
vPro (optional)	Intel vPro Technology																						
Fingerprint reader	<i>Optional:</i> Touch style match on chip fingerprint reader on the palm rest																						
NFC (optional)	Near Field Communication																						
Internal battery	<i>Optional:</i> Integrated Li-Polymer 4-cell (32Wh)																						
External battery	Li-Polymer 3-cell (24Wh) or Li-ion 6-cell (48Wh or 72Wh)																						
Max battery life (MobileMark® 2014)	<table border="1"> <thead> <tr> <th>Models</th><th>4 + 3-cell</th><th>6-cell 48Wh</th><th>6-cell 72Wh</th><th>4 + 6-cell 48Wh</th><th>4 + 6-cell 72Wh</th></tr> </thead> <tbody> <tr> <td><i>Integrated</i></td><td>13.8 hr</td><td>12.5 hr</td><td>18.5 hr</td><td>20.3 hr</td><td>27.1 hr</td></tr> <tr> <td><i>discrete</i></td><td>13.8 hr</td><td>12.5 hr</td><td>18.5 hr</td><td>20.0 hr</td><td>26.8 hr</td></tr> </tbody> </table>	Models	4 + 3-cell	6-cell 48Wh	6-cell 72Wh	4 + 6-cell 48Wh	4 + 6-cell 72Wh	<i>Integrated</i>	13.8 hr	12.5 hr	18.5 hr	20.3 hr	27.1 hr	<i>discrete</i>	13.8 hr	12.5 hr	18.5 hr	20.0 hr	26.8 hr				
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	<i>* Battery life varies significantly with settings, usage, & other factors</i>																						
AC adapter	45W or 65W slim tip AC adapter, 45W or 65W USB Type-C AC adapter																						
Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 • Lenovo Solution Center • Lenovo PowerEngage • ThinkVantage Product Recovery • ThinkVantage System Update • Adobe® Reader® • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial)																						
	<i>Some:</i> Windows 10 Home 64 <i>Some:</i> Windows 10 Pro 64 • Lenovo Companion • Lenovo Setting • Microsoft Office preloaded; purchase a product key to activate																						
Limited warranty	<i>One of the following, configurable by model:</i> • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service																						
Mil-Spec test	MIL-STD-810G military certification																						
Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant																						