

# ThinkPad T570 Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i5 / i7 Processor							Dimensions Weight Case color Case material	WxDxH: 14.40" x 9.95" x 0.79-0.80"; 365.8mm x 252.8mm x 19.95-20.2mm Starting at 4.34 lb / 1.97 kg Black Display cover: Glass-Fiber Reinforced Plastic (PPS); Bottom: Glass-Fiber Reinforced Plastic																		
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types			Processor Graphics																	
	i5-6300U	2	4	2.4 GHz	3.0 GHz	3MB	DDR4-2133			Intel HD Graphics 520																	
	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)									Smart card reader Media reader Ports WiGig dock (opt) Monitor cable (optional)	Optional: Smart card reader 4-in-1 reader (MMC, SD, SDHC, SDXC), supports SD 3.0, UHS-I Three USB 3.1 Gen 1 / USB 3.0 (one Always On), USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet (RJ-45), Dock connector ThinkPad WiGig dock (US only) HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter USB-C to VGA: Lenovo USB-C to VGA Adapter																
Chipset	Intel SoC (System on Chip) platform							Camera (optional)	720p: HD720p resolution, fixed focus																		
Memory	32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets * System clocks down for processors with lower memory controller							Audio support	IR & 720p: IR camera and HD720p camera (mutually exclusive with WiGig) HD Audio, Realtek ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack																		
Display	Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle Some: 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							Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad																		
Multi-touch (opt)	On-cell touch, supports 10-finger gesture (FHD only)							Security Security chip vPro (optional) Fingerprint reader NFC (optional)	Power-on password, hard disk password, supervisor password, security keyhole Discrete TPM 2.0, TCG Certified Intel vPro Technology Optional: Touch style match on chip fingerprint reader on the palm rest Near Field Communication																		
Storage	System has one HDD slot or one M.2 2280 slot exclusively for storage Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WiGig							Internal battery External battery Max battery life (MobileMark® 2014)	Optional: Integrated Li-Polymer 4-cell (32Wh) Li-Polymer 3-cell (24Wh) or Li-Ion 6-cell (48Wh or 72Wh) <table><tr><td>Models</td><td>4 + 3-cell</td><td>6-cell 48Wh</td><td>6-cell 72Wh</td><td>4 + 6-cell 48Wh</td><td>4 + 6-cell 72Wh</td></tr><tr><td>Integrated</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>discrete</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></table>	Models	4 + 3-cell	6-cell 48Wh	6-cell 72Wh	4 + 6-cell 48Wh	4 + 6-cell 72Wh	Integrated	13.8 hr	12.5 hr	18.5 hr	20.3 hr	27.1 hr	discrete	13.8 hr	12.5 hr	18.5 hr	20.0 hr	26.8 hr
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Optical	None							AC adapter	45W or 65W AC adapter (slim tip), 45W or 65W USB Type-C AC adapter																		
Ethernet	Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) vPro model: Intel Ethernet Connection I219-LM (Jacksonville)							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) Some: Windows 10 Home 64 Some: Windows 10 Pro 64 • Lenovo Companion • Lenovo Setting • Microsoft Office preloaded; purchase a product key to activate																		
WLAN	One of the following, configurable by model (WiGig can coexist with WWAN): • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • 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							Limited warranty	One of the following, configurable by model: • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service																		
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							Mil-Spec test	MIL-STD-810G military certification																		
WWAN (optional)	One of the following, configurable by model (WWAN can coexist with WiGig): • 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)							Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant																		
SIM card (opt)	Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card																										