ThinkPad T570 Platform Specifications

Processor	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			2.3 GHz	2.8 GHz	3MB		
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			2.5 GHz	3.1 GHz	3MB		
i5-7300U	2	4	2.6 GHz	3.5 GHz	3MB	DDR4-2133	Intel HD Graphics 620
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)
Chipset	Intel SoC (System on Chip) platform
Memory	32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets * System clocks down for processors with lower memory controller
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
Multi-touch *(opt)*	On-cell touch, supports 10-finger gesture (FHD only)
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 WWAN and WiGig
Optical	None
Ethernet	*Non-vPro model:* Intel Ethernet Connection I219-V (Jacksonville) *vPro model:* 　　Intel Ethernet Connection I219-LM (Jacksonville)
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 (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
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)*	*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)
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	*Optional:* 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, HDMI 1.4b, Ethernet (RJ-45), Dock connector
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 Security chip vPro *(optional)*	Power-on password, hard disk password, supervisor password, security keyhole Discrete TPM 2.0, TCG Certified Intel vPro Technology
Fingerprint reader	*Optional:* Touch style match on chip fingerprint reader on the palm rest
NFC *(optional)*	Near Field Communication
Internal battery External battery	*Optional:* Integrated Li-Polymer 4-cell *(32Wh)* Li-Polymer 3-cell *(24Wh)* or Li-Ion 6-cell *(48Wh or 72Wh)*

Max battery life *(MobileMark® 2014)*	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

AC adapter	45W or 65W AC adapter (slim tip), 45W or 65W USB Type-C AC adapter
Preload	Windows® 7 Professional 64 preinstalled 　*Some:* Windows 10 Home 64 through downgrade rights in 　　　　　　*Some:* Windows 10 Pro 64 Windows 10 Pro 64 　　　　　　　　　　• Lenovo Companion • Lenovo Solution Center 　　　　　　　• Lenovo Setting • Lenovo PowerEngage 　　　　　　　　• Microsoft Office preloaded; • ThinkVantage Product Recovery 　　　　　purchase a product key to activate • ThinkVantage System Update • Adobe® Reader® • Microsoft® Office preloaded; 　purchase a product key to activate • McAfee® LiveSafe™ (30-day trial)
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
Mil-Spec test	MIL-STD-810G military certification
Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

Model	20H90002++
Product	ThinkPad T570
Region	EMEA
Machine Type	20H9
TopSeller	TopSeller
Processor	Core i5-7200U (2C, 2.5 / 3.1GHz, 3MB)
vPro	No
Graphics	Integrated Intel HD Graphics 620
Memory	8GBx1
Display	15.6" FHD (1920x1080) IPS
Multi-touch	None
Storage	256GB SSD M.2 PCIe NVMe Opal2
Optical	None
WLAN + Bluetooth	Intel 8265 ac, 2x2 + BT4.1
WWAN	WWAN Upgradable
SIM Card	None
Smart Card Reader	Smart Card Reader
Dock	None
Monitor Cable	None
Camera	720p
Keyboard	Backlit
Fingerprint Reader	Fingerprint Reader
NFC	None
TPM	dTPM 2.0
Battery	4-cell (32Wh) + 3-cell (24Wh)
Power Adapter	45W
Operating System	Windows 10 Pro 64
Warranty	3-year, Onsite
End of Support	Feb 28, 2023
Ann Date (mm/yy)	01/17