ThinkPad T15 Gen 1 Platform Specifications

Processor	10th Generation Intel® Core™ i5 / i7 Processor							
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
	i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB	DDR4-2666	Intel UHD Graphics
	i5-10310U			1.6 GHz	4.4 GHz	6MB		
	i7-10510U			1.8 GHz	4.9 GHz	8MB		
	i7-10610U			1.8 GHz	4.9 GHz	8MB		

Graphics
Intel UHD Graphics in processor only or
Intel UHD Graphics in processor and
NVIDIA® GeForce® MX330, 2GB GDDR5 memory;
supports up to 3 independent displays via native display and two external monitors;
supports external monitors via HDMI (up to 4096x2160@24Hz),
USB-C (up to 4096x2304@60Hz) or Thunderbolt (up to 4096x2304@60Hz)

Chipset Intel SoC (System on Chip) platform
Memory 40GB or 48GB max / 2666MHz DDR4, dual-channel capable,
8GB or 16GB memory soldered to systemboard, one DDR4 SO-DIMM socket
* *Installed memory is actually 3200MHz but run at 2666MHz due to Intel limitation*

Display

Size	Resolution	Type	Surface	Touch	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle
15.6"	FHD (1920x1080)	IPS	Anti-glare	-	250 nits	16:9	800:1	45%	170°
15.6"	FHD (1920x1080)	IPS	Anti-glare	Multi-touch	300 nits	16:9	800:1	45%	170°
15.6"	UHD (3840x2160) HDR400, Dolby Vision™	IPS	Anti-glare	-	500 nits	16:9	1400:1	100%	170°

Multi-touch (opt) On-cell touch, supports 10-finger gesture

Storage
• M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4
• M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2
• Intel Optane™ Memory H10 with Solid State Storage,
  M.2 2280, PCIe NVMe 3.0 x 4

Optical None

Ethernet *Non-vPro model:* Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN + Bluetooth™ Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.0
* *Intel AX201 card supports BT5.1 but is limited to BT5.0 by Windows OS*

WWAN (optional) • Wireless WAN upgradable
• Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card
• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card
* *For non-WWAN model, it means the model is NOT WWAN upgradable*

SIM card (opt) Gemalto eSIM Card

Dimensions *WxDxH:* 14.40" x 9.76" x 0.75"; 365.8mm x 248mm x 19.1mm
Weight *FHD model:* 4.17 lb / 1.89 kg;
UHD model: 4.12 lb / 1.87 kg
Case color Black
Case material *Display cover:* PPS / 50% GF;
Bottom: PA / 50% GF

Smart card reader *Optional:* Smart card reader
Media reader MicroSD card reader
Ports Two USB 3.1 Gen 1 (one Always On),
one USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort),
one USB 3.1 Type-C Gen 2 / Thunderbolt 3 (with the function of PD and DP),
HDMI 1.4b, Ethernet (RJ-45), nano-SIM card slot (WWAN models),
headphone / microphone combo jack, optional smart card reader,
microSD card reader, side docking connector, security keyhole
* *Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Monitor cable *HDMI to VGA:* Lenovo HDMI to VGA Monitor Adapter
(optional) *USB-C to VGA:* Lenovo USB-C to VGA Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter
Bundled Accy None

Camera (optional) • HD720p camera with ThinkShutter camera privacy, fixed focus
• IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus
Audio support HD Audio, Realtek® ALC3287 codec / Dolby® Audio speaker system, 2W x 2 /
optional dual array far-field microphone, headphone / microphone combo jack

Keyboard 6-row, spill-resistant, multimedia Fn keys with Unified Communications controls,
numeric keypad, optional LED backlight
UltraNav™ TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security Power-on password, hard disk password, supervisor password, security keyhole
Security chip • Firmware TPM 2.0 integrated in chipset
• Discrete TPM 2.0 TCG Certified
System Mgt (opt) Intel vPro Technology
Fingerprint reader *Optional:* Touch style match on chip fingerprint reader on the palm rest
NFC (optional) Near Field Communication

Battery Integrated Li-Polymer 57Wh battery,
supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
Max battery life *MobileMark® 2014:* 15.26 hr
MobileMark 2018: 9.86 hr
AC adapter * *Battery life varies significantly with settings, usage, & other factors*
• 45W USB-C AC adapter
• 65W USB-C AC adapter
• 65W USB-C slim AC adapter

Operating system *Optional:* Windows® 10 Home 64 or Windows 10 Pro 64
Limited warranty • 1-year depot repair service
• 1-year depot with 2-year system board repair service
• 1-year limited onsite service
• 1-year + 2-year depot repair service
• 1-year + 2-year limited onsite service
• 3-year/1-yr battery depot repair service
• 3-year/1-yr battery limited onsite service

Mil-Spec test MIL-STD-810G military testing

Environment EPEAT™ Gold; ENERGY STAR® 8.0; RoHS-compliant

Note: The specifications above may not be available in all regions.