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		
i7-10710U	6	12	1.1 GHz	4.7 GHz	12MB		
i7-10810U			1.1 GHz	4.9 GHz	12MB		

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 (optional)	*HDMI to VGA:* Lenovo HDMI to VGA Monitor Adapter *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.