

ThinkPad T15 Gen 1 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / i7 Processor										Dimensions	<i>WxDxH:</i> 14.40" x 9.76" x 0.75"; 365.8mm x 248mm x 19.1mm				
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics			Weight	<i>FHD model:</i> 3.99 lb / 1.81 kg; <i>UHD model:</i> 3.84 lb / 1.74 kg				
	i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB	DDR4-2666	Intel UHD Graphics			Case color	Black				
	i5-10310U			1.7 GHz	4.4 GHz	6MB					Case material	<i>Display cover:</i> PPS / 50% GF				
	i7-10510U			1.8 GHz	4.9 GHz	8MB					<i>Keyboard cover:</i> PC / ABS / Talc15 + Magnesium alloy					
	i7-10610U			1.8 GHz	4.9 GHz	8MB					<i>Bottom:</i> PA / 50% GF					
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)										Smart card reader	<i>Optional:</i> Smart card reader				
Chipset	Intel SoC (System on Chip) platform										Media reader	MicroSD card reader				
Memory	40GB or 48GB max / 2666MHz DDR4, dual-channel capable, 8GB or 16GB memory soldered to systemboard, one DDR4 SO-DIMM socket <i>* Installed memory is actually 3200MHz but run at 2666MHz due to Intel limitation</i>										Ports	Two USB 3.2 Gen 1 (one Always On), one USB 3.2 Type-C Gen 1 (with the function of Power Delivery and DisplayPort), one USB 3.2 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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>				
Display	Size	Resolution	Type	Surface	Touch	Bright-ness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Monitor cable (<i>optional</i>)	<ul style="list-style-type: none"> • Lenovo HDMI to VGA Monitor Adapter • Lenovo USB-C to VGA Adapter • Lenovo USB-C to DisplayPort Adapter 				
	15.6"	FHD (1920x1080)	WVA	Anti-glare	-	250 nits	16:9	800:1	45%	170°	Bundled Accy	None				
	15.6"	FHD (1920x1080)	WVA	Anti-glare	Multi-touch	300 nits	16:9	800:1	45%	170°	Camera (<i>optional</i>)	<ul style="list-style-type: none"> • HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus 				
	15.6"	UHD (3840x2160) HDR400, Dolby Vision™	WVA	Anti-glare	-	500 nits	16:9	1400:1	100%	170°	Audio support	<ul style="list-style-type: none"> • HD Audio, Realtek® ALC3287 codec / Dolby® Audio speaker system, 2W x 2 / optional dual array far-field microphone, headphone / microphone combo jack 				
Multi-touch (<i>opt</i>)	On-cell touch, supports 10-finger gesture										Keyboard	6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, numeric keypad, optional LED backlight				
Storage	<ul style="list-style-type: none"> • 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 										UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad				
Optical	None										Security	Power-on password, hard disk password, supervisor password, security keyhole				
Ethernet	<i>Non-vPro model:</i> Intel Ethernet Connection I219-V (Jacksonville) <i>vPro model:</i> Intel Ethernet Connection I219-LM (Jacksonville)										Security chip	<ul style="list-style-type: none"> • Firmware TPM 2.0 integrated in chipset • Discrete TPM 2.0 TCG Certified 				
WLAN + Bluetooth™	Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.0 <i>* Intel AX201 card supports BT5.1 but is limited to BT5.0 by Windows OS</i>										System Mgt (<i>opt</i>)	Intel vPro Technology				
WWAN (<i>optional</i>)	<ul style="list-style-type: none"> • 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 <i>* For non-WWAN model, it means the model is NOT WWAN upgradable</i>										Fingerprint reader	<i>Optional:</i> Touch style match on chip fingerprint reader on the palm rest				
SIM card (<i>opt</i>)	Gemalto eSIM										NFC (<i>optional</i>)	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	<i>MobileMark® 2014:</i> 15.26 hr <i>MobileMark 2018:</i> 10.81 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>				
											AC adapter	<ul style="list-style-type: none"> • 45W USB-C AC adapter • 65W USB-C AC adapter • 65W USB-C slim AC adapter 				
											Operating system	<i>Optional:</i> Windows® 10 Home 64 or Windows 10 Pro 64				
											Limited warranty	<ul style="list-style-type: none"> • 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; TCO Certified; RoHS-compliant				

Note: The specifications above may not be available in all regions and might change by regions.

Lenovo
July 2020