

# ThinkPad T14 Gen 1 (AMD) Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ PRO 4000 Series Mobile Processors										Smart card reader	Optional: Smart card reader	
	Processor Number	# of Cores	# of Threads	Base Clock	Max Boost Clock	Cache	Memory Controller	Processor Graphics				Media reader	MicroSD card reader
	Ryzen 5 PRO 4650U	6	12	2.1 GHz	4.0 GHz	3MB L2 / 8MB L3	DDR4-3200	AMD Radeon™ Graphics				Ports	Two USB 3.2 Gen 1 (one Always On), two USB 3.2 Type-C Gen 2 (w/ the function of Power Delivery and DisplayPort 1.4), HDMI 2.0, 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
	Ryzen 7 PRO 4750U	8	16	1.7 GHz	4.1 GHz	4MB L2 / 8MB L3							* Depending on many factors, actual data transfer speed may be lower than theoretical speed
Graphics	AMD Radeon Graphics in processor; supports up to 4 independent displays via native display and 3 external monitors; supports external monitors via HDMI (up to 4K@60Hz) or USB Type-C (up to 5K@60Hz)										Monitor cable (optional)	<ul style="list-style-type: none"> <li>Lenovo HDMI to VGA Monitor Adapter</li> <li>Lenovo USB-C to VGA Adapter</li> <li>Lenovo USB-C to DisplayPort Adapter</li> </ul>	
Chipset	AMD SoC (System on Chip) platform										Camera (optional)	<ul style="list-style-type: none"> <li>HD720p camera with ThinkShutter camera privacy, fixed focus</li> <li>IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus</li> </ul>	
Memory	32GB max / 3200MHz DDR4, dual-channel capable, 8GB or 16GB memory soldered to systemboard, one DDR4 SO-DIMM socket										Audio support	HD Audio, Realtek® ALC3287 codec / Dolby® Audio speaker system, 2W x 2 / optional dual array far-field microphone, headphone / microphone combo jack	
Display	Size	Resolution	Type	Surface	Touch	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Keyboard	6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, optional LED backlight	
	14.0"	HD (1366x768)	TN	Anti-glare	-	220 nits	16:9	400:1	45%	90°	UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad	
	14.0"	FHD (1920x1080)	IPS	Anti-glare	-	250 nits	16:9	700:1	45%	170°	Security	Power-on password, hard disk password, supervisor password, security keyhol	
	14.0"	FHD (1920x1080)	IPS	Anti-glare	Multi-touch	300 nits	16:9	700:1	45%	170°	Security chip	Discrete TPM 2.0 TCG Certified	
	14.0"	FHD (1920x1080) Low Power	IPS	Anti-glare	-	400 nits	16:9	800:1	72%	170°	System Mgt	DASH Management	
	14.0"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	Anti-glare	Multi-touch	500 nits	16:9	1000:1	72%	170°	Fingerprint reader	Optional: Touch style match on chip fingerprint reader on the palm rest	
Multi-touch (opt)	On-cell touch, supports 10-finger gesture										NFC	None	
Storage	<ul style="list-style-type: none"> <li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4</li> </ul>										Battery	Integrated Li-Polymer 50Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter	
Optical	None										Max battery life	<i>MobileMark® 2014:</i> 15.0 hr <i>MobileMark 2018:</i> 10.7 hr * Battery life varies significantly with hardware configurations, settings, usage, & other factors	
Ethernet	Realtek® RTL8111EPV Gigabit Ethernet connection										AC adapter	<ul style="list-style-type: none"> <li>45W USB-C AC adapter</li> <li>65W USB-C AC adapter</li> <li>65W USB-C slim AC adapter</li> </ul>	
WLAN + BT	Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth™ 5.1										Operating system	Optional: Windows® 10 Home 64 or Windows 10 Pro 64	
WWAN (optional)	<ul style="list-style-type: none"> <li>Wireless WAN upgradable</li> <li>Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card</li> </ul> * For non-WWAN model, it means the model is NOT WWAN upgradable										Limited warranty (optional)	<ul style="list-style-type: none"> <li>1-year depot repair service</li> <li>1-year depot with 2-year system board repair service</li> <li>1-year limited onsite service</li> <li>1-year + 2-year depot repair service</li> <li>1-year + 2-year limited onsite service</li> <li>3-year/1-yr battery depot repair service</li> <li>3-year/1-yr battery limited onsite service</li> </ul>	
SIM card (opt)	Gemalto eSIM Card										Mil-Spec test	MIL-STD-810G military testing	
Dimensions	WxDxH: 12.95" x 8.94" x 0.70"; 329mm x 227mm x 17.9mm										Environment	EPEAT™ Silver; ENERGY STAR® 8.0; RoHS-compliant	
Weight	Models	HD / FHD / FHD Touch			FHD Low Power / Privacy Guard								
	Weight	3.42 lb / 1.55 kg			3.22 lb / 1.46 kg								
Case color	Black												
Case material	Top cover:		PPS / 50% GF;										
	Keyboard cover:		PC / ABS / Talc15 + Magnesium alloy;										
	Bottom:		PA / 50% GF										
	with ISO 22196 compliant anti-microbial surface treatment												

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

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June 2020