

ThinkPad P14s Gen 1 (AMD) Platform Specifications

Product Specifications Reference (PSREF)

Processor	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader	MicroSD card reader
	Ryzen 7 PRO 4750U	8	16	1.7GHz	4.1GHz	4MB L2 / 8MB L3	DDR4-3200	AMD Radeon Graphics	Standard Ports	On left: 2x USB-C (USB 3.2 Gen 2, PD, DP), 1x side docking connector, 1x USB-A 3.2 Gen 1, 1x HDMI 2.0, 1x headphone / microphone combo jack, 1x microSD card reader On right: 1x security keyhole, 1x RJ-45, 1x USB-A 3.2 Gen 1 (Always On)
Chipset	Integrated SoC (System on Chip) platform									
Memory Type	DDR4-3200. 8GB/16GB/32GB DDR4-3200 SO-DIMM non-ECC for DIMM socket, 8GB/16GB DDR4-3200 non-ECC for soldered DIMM.									
Memory Sockets	1 DIMM socket plus 1 soldered DIMM, dual-channel capable									
Memory Protection	None									
Max Memory	48GB with one 32GB SO-DIMM plus one 16GB soldered DIMM									
Graphics	AMD Radeon Graphics in processor, up to 2GB dedicated video memory, allocated from system memory									
Display	Size	Resolution	Type	Surface	Touch	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle
	14.0"	FHD (1920x1080)	IPS	Anti-glare	-	250 nits	16:9	700:1	45%	170°
	14.0"	FHD (1920x1080)	IPS	Anti-glare	multi-touch	300 nits	16:9	700:1	45%	170°
	14.0"	FHD (1920x1080) Low Power	IPS	Anti-glare	-	400 nits	16:9	800:1	72%	170°
	14.0"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	Anti-glare	multi-touch	500 nits	16:9	1000:1	72%	170°
Color Calibration	None									
Touchscreen	Optional on-cell touch on selected FHD models, supports 10-finger gesture									
Pen	None									
Storage	Up to one M.2 SSD as following, 1TB max: • M.2 2280 PCIe NVMe, PCIe 3.0 x4, 256GB / 512GB / 1TB • M.2 2242 PCIe NVMe, PCIe 3.0 x2, 128GB, for special bids									
Optical	None									
Ethernet	Realtek RTL8111EPV Gigabit Ethernet connection									
NFC	None									
WLAN + Bluetooth	Optional Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth 5.1. Bluetooth 5.1 requires the latest version of Windows 10 (version 2004 or above)									
WWAN	One of the following, configurable by model: • No WWAN card and non upgradable • Integrated Mobile Broadband Upgradable, No WWAN Card, WWAN Antenna Only • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card									
SIM card	Optional Nano-SIM card slot									
Dimensions	Width: 329 mm (12.95 in). Depth: 227 mm (8.94 in). Thickness: 17.9 mm (0.7 inches)									
Weight	Starting at 3.22 lb (1.46kg)									
Case color	Black									
Case material	Display cover: PPS / 50% GF; Bottom: PA / 50% GF									
Battery	Integrated Li-Polymer 50Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter									
Max battery life	MobileMark 2014: 13.25 hr. MobileMark 2018: 10.5 hr. <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>									
Power Adapter	• 45W USB-C AC adapter • 65W USB-C AC adapter • 65W USB-C slim AC adapte									
Operating system	Supports one optional preloaded operating system as following: • Windows 10 Home 64 • Windows 10 Pro 64 • Ubuntu Linux LTS									
Base Warranty	Optional warranty plans as following: • 1-year depot repair service • 3-year depot repair service • 1-year + 2-year depot repair service • 1-year limited onsite service • 3-year limited onsite service • 1-year + 2-year limited onsite service • 1-year depot with 2-year system board repair service									
Mil-Spec test	MIL-STD-810G military testing									
Environment	EPEAT Gold. ENERGY STAR 8.0. RoHS-compliant									
ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/									