

ThinkPad P14s Gen 1 (AMD) 20Y1000AGE

Product

ThinkPad P14s Gen 1 (AMD)

Region

WE

Country/Region

Germany

Machine Type

20Y1

TopSeller

TopSeller

Processor

AMD Ryzen 7 PRO 4750U (8C / 16T, 1.7 / 4.1GHz, 4MB L2 / 8MB L3)

Graphics

Integrated AMD Radeon Graphics

Chipset

AMD SoC Platform

Memory

8GB Soldered DDR4-3200 non-ECC + 8GB SO-DIMM DDR4-3200 non-ECC

Storage

512GB SSD M.2 2280 PCIe NVMe

Display

14" FHD (1920x1080) IPS 300nits Anti-glare

Touchscreen

10-point Multi-touch

Media Reader

MicroSD Reader

Ethernet

100/1000M

Optical

None

WLAN + Bluetooth

Intel AX200 11ax, 2x2 + BT5.1

WWAN

WWAN Upgradable

SIM Card

None

Smart Card Reader

Smart Card Reader

Monitor Cable

None

Case Material

PPS / 50% GF (Top), PA / 50% GF (Bottom)

Bundled Accessories

None

Camera

720p + IR with ThinkShutter

Microphone

2x, Array

Color

Black

Keyboard

Backlit, German

Fingerprint Reader

None

NFC

None

TPM

Discrete TPM 2.0

Battery

Integrated 50Wh

Power Adapter

65W USB-C

System Management

AMD Pro Manageability

Operating System

Windows 10 Pro 64, German

Bundled Software

None

Base Warranty

3-year, Depot

Bundled Service

None

EAN / UPC / JAN

0195348562249

End of Support

2027-05-05

Announce Date

2020-10-15

Recommended Services**Best**

5Y Premier Support Upgrade from 3Y Depot/CCI (5WS0V07061)

Better

4Y Premier Support Upgrade from 3Y Depot/CCI (5WS0V07067)

Good

3Y Premier Support Upgrade from 3Y Depot/CCI (5WS0V07092)

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.

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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									Optional Ports	One optional smart card reader on right, one optional Nano-SIM card slot on rear
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.									Monitor support	Up to 4 displays with 3 external monitors plus system LCD screen. External monitors supported via two USB-C and HDMI. 5120x2880 @60Hz on USB-C, 3840x2160 @60Hz on HDMI
Memory Sockets	1 DIMM socket plus 1 soldered DIMM, dual-channel capable									Monitor cable	Optional HDMI to VGA, USB-C to DP, or USB-C to VGA adapters, up to two
Memory Protection	None									Bundled Accy	None
Max Memory	48GB with one 32GB SO-DIMM plus one 16GB soldered DIMM									Camera	Supports one optional camera as following: • HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus
Graphics	AMD Radeon Graphics in processor, up to 2GB dedicated video memory, allocated from system memory									Audio chip	Realtek ALC3287 codec
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									Speaker	Stereo speakers, 2W x 2, Dolby Audio Speaker System
Touchscreen	Optional on-cell touch on selected FHD models, supports 10-finger gesture									Microphone	Optional dual array near-field microphone
Pen	None									Keyboard	6-row, spill-resistant, multimedia Fn keys with Unified Communications controls Optional LED backlight
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									UltraNav	TrackPoint pointing device and Mylar surface multi-touch touchpad
Optical	None									Password	Power-on password, hard disk password, supervisor password
Ethernet	Realtek RTL8111EPV Gigabit Ethernet connection									Security chip	Discrete TPM 2.0, TCG Certified
NFC	None									System mgmt	AMD Pro Manageability
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)									Security locks	Security keyhole for optional Kensington lock
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									Smart card reader	Optional
SIM card	Optional Nano-SIM card slot									Fingerprint reader	Optional
Dimensions	Width: 329 mm (12.95 in). Depth: 227 mm (8.94 in). Thickness: 17.9 mm (0.7 inches)									Battery	Integrated Li-Polymer 50Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
Weight	Starting at 3.22 lb (1.46kg)									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>
Case color	Black									Power Adapter	• 45W USB-C AC adapter • 65W USB-C AC adapter • 65W USB-C slim AC adapte
Case material	Display cover: PPS / 50% GF; Bottom: PA / 50% GF									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/

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