

Lenovo ThinkPad P16s Gen 4 (AMD) Copilot+ PC AMD Ryzen AI 5 340 Mobile workstation 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black



Brand : Lenovo

Product family: ThinkPad

Product code: 21QR001FUS

Product name : ThinkPad P16s Gen 4 (AMD)

AMD Ryzen AI 5 PRO 340 (6C/12T, 2.0 /4.8GHz, 6MB L2/16MB L3), 2x 16GB SO-DIMM DDR5-5600 Non-ECC, 1TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, 16" WUXGA (1920x1200) IPS 400nits 45% NTSC, AMD Radeon 840M Graphics, MediaTek Wi-Fi 7 MT7925 802.11be 2x2 + BT5.4, 5.0MP + IR with Privacy Shutter and Human Presence Detection, Windows 11 Pro

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AI-Powered, Portable Productivity Engine for Work On The Go

- 16" Power-packed mobile workstation with intelligent AI features
- Peak performance with AMD Ryzen™ AI PRO 300 Series processors & integrated graphics
- Elevate productivity with independent software vendor (ISV)-certified apps



Some Copilot+ PC experiences require free updates continuing to roll out through early 2025. Timing varies by device and region. See aka.ms/copilotpluspcs

Some Copilot+ PC features require camera, microphone, speakers and/or advanced hardware. For more details, see Copilot+ PC hardware requirements - Microsoft Support.

Design		Camera	
Product type *	Mobile workstation	Front camera resolution (numeric)	5 MP
Product colour *	Black	Infrared (IR) camera	✓
Form factor *	Clamshell	Privacy camera	✓
Display		Privacy type	
Display diagonal *	40.6 cm (16")	Privacy shutter	
Display resolution *	1920 x 1200 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	WUXGA	Wi-Fi standards	Wi-Fi 7 (802.11be)
Panel type	IPS	Mobile network connection *	✗
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:10	Ethernet LAN	✓
Anti-glare screen	✓	Ethernet LAN data rates	100,1000 Mbit/s
Display brightness	400 cd/m ²	Bluetooth	✓
RGB colour space	NTSC	Bluetooth version	5.4
Colour gamut	45%	Near Field Communication (NFC)	✗
Processor		WWAN	Not installed
Ports & interfaces			
Processor manufacturer *	AMD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	AMD Ryzen AI 5	Ethernet LAN (RJ-45) ports	1
Processor generation	AMD Ryzen AI 300 Series	HDMI ports quantity *	1
Processor model *	340	HDMI version	2.1
Processor cores	6	Thunderbolt 4 ports quantity	2
Processor threads	12	Intel® Thunderbolt 4	✓
Processor boost frequency	4.8 GHz	Combo headphone/mic port	✓
Processor frequency *	2 GHz	USB Sleep-and-Charge	✓
Processor cache	16 MB	Performance	
Processor cache type	L3		
Processor base power	28 W		

Neural processor unit (NPU)		Performance	
Copilot+ PC	✓	Motherboard chipset	AMD SoC
Keyboard		Keyboard	
Neural processor unit (NPU)	AMD Ryzen AI	Pointing device	ThinkPad UltraNav
Total processor performance up to	59 TOPs	Numeric keypad *	✓
NPU performance up to	50 TOPs	Keyboard backlit	✓
Memory		Copilot key	✓
Internal memory *	32 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory clock speed	5600 MHz	Microsoft Copilot	✓
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Pro
Memory layout (slots x size)	2 x 16 GB	Bundled software	Lenovo AI Now
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	96 GB	Battery capacity *	52.5 Wh
Storage		Power	
Total storage capacity *	1 TB	AC adapter power	65 W
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	1 TB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	Security	
SSD capacity	1 TB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Kensington
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Smart card reader	✗
Optical drive type *	✗	Windows Hello	✓
Card reader integrated	✗	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	Certificates	
On-board graphics card *	✓	Certification	ENERGY STAR, TCO, EPEAT Gold, RoHS
On-board GPU manufacturer	AMD	Weight & dimensions	
Discrete graphics card *	✗	Width	359.7 mm
On-board graphics card family	AMD Radeon	Depth	251.7 mm
On-board graphics card model *	AMD Radeon 840M	Height (front)	1.18 cm
Audio		Height (rear)	1.81 cm
Audio chip	Realtek ALC3287	Weight *	1.71 kg
Number of built-in speakers	2	Packaging content	
Speaker power	2 W	AC adapter included *	✓
Built-in microphone	✓		
Number of microphones	2		



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