



Lenovo ThinkPad P16s Gen 4 (AMD) Copilot+ PC AMD Ryzen™ AI 5 340 Mobile workstation 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : Lenovo

Product family: ThinkPad

Product code: 21QR001UUS

Product name : ThinkPad P16s
Gen 4 (AMD)



AMD Ryzen AI 5 PRO 340 (6C/12T, 2.0 /4.8GHz, 6MB L2/16MB L3), 1x 16GB SO-DIMM DDR5-5600 Non-ECC, 512GB 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 with Privacy Shutter, Windows 11 Pro

Lenovo ThinkPad P16s Gen 4 (AMD) Copilot+ PC AMD Ryzen™ AI 5 340 Mobile workstation 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black:

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		Audio	
Product type *	Mobile workstation	Number of microphones	2
Product colour *	Black	Camera	
Form factor *	Clamshell	Front camera resolution (numeric)	5 MP
Display		Privacy camera	✓
Display diagonal *	40.6 cm (16")	Privacy type	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/m²	Bluetooth	✓
RGB colour space	NTSC	Bluetooth version	5.4
Colour gamut	45%	Near Field Communication (NFC)	✗
Processor		WWAN	Not installed
Processor manufacturer *	AMD	Ports & interfaces	
Processor family *	AMD Ryzen™ AI 5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor generation	AMD Ryzen AI 300 Series	Ethernet LAN (RJ-45) ports	1
Processor model *	340	HDMI ports quantity *	1
Processor cores	6	HDMI version	2.1
Processor threads	12	Thunderbolt 4 ports quantity	2
Processor boost frequency	4.8 GHz	Intel® Thunderbolt 4	✓
Processor frequency *	2 GHz	Combo headphone/mic port	✓
Processor cache	16 MB	USB Sleep-and-Charge	✓
Processor cache type	L3		
Processor base power	28 W		

Neural processor unit (NPU)		Performance	
Copilot+ PC	✓	Motherboard chipset	AMD SoC
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard	
Total processor performance up to	59 TOPs	Pointing device	ThinkPad UltraNav
NPU performance up to	50 TOPs	Numeric keypad *	✓
Memory		Keyboard backlit	✓
Internal memory *	16 GB	Copilot key	✓
Internal memory type	DDR5-SDRAM	Software	
Memory clock speed	5600 MHz	Operating system architecture	64-bit
Memory form factor	SO-DIMM	Microsoft Copilot	✓
Memory layout (slots x size)	1 x 16 GB	Operating system installed *	Windows 11 Pro
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	96 GB	Battery capacity *	52.5 Wh
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	65 W
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	512 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	Security	
SSD capacity	512 GB	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 *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✗	Trusted Platform Module (TPM) version	2.0
Graphics		Certificates	
Discrete graphics card model *	Not available	Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	AMD	Width	359.7 mm
Discrete graphics card *	✗	Depth	251.7 mm
On-board graphics card family	AMD Radeon	Height (front)	1.18 cm
On-board graphics card model *	AMD Radeon 840M	Height (rear)	1.81 cm
Audio		Weight *	1.71 kg
Audio chip	Realtek ALC3287	Packaging content	
Number of built-in speakers	2	AC adapter included *	✓
Speaker power	2 W		
Built-in microphone	✓		



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