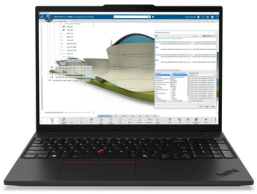
Lenovo ThinkPad P16s Gen 4 (AMD) Copilot+ PC AMD Ryzen™ AI 5 PRO 340 Mobile workstation 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black



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 PRO 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.

Copilot+PC

Design	
Product type *	Mobile workstation
Product colour *	Black
Form factor *	Clamshell

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	WUXGA
Panel type	IPS
LED backlight	✓
Native aspect ratio	16:10
Anti-glare screen	✓
Display brightness	400 cd/m²
RGB colour space	NTSC
Colour gamut	45%

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ AI 5
Processor generation	AMD Ryzen AI 300 Series
Processor model *	PRO 340
Processor cores	6
Processor threads	12
Processor boost frequency	4.8 GHz
Processor frequency *	2 GHz
Processor cache	16 MB
Processor cache type	L3
Processor base power	28 W

Audio	
Number of microphones	2

Camera	
Front camera resolution (numeric)	5 MP
Privacy camera	✓
Privacy type	Privacy shutter

Network	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Mobile network connection *	✗
Antenna type	2x2
Ethernet LAN	✓
Ethernet LAN data rates	100,1000 Mbit/s
Bluetooth	✓
Bluetooth version	5.4
Near Field Communication (NFC)	✗
WWAN	Not installed

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✓
Combo headphone/mic port	✓
USB Sleep-and-Charge	✓

Neural processor unit (NPU)	
Copilot+ PC	✔
Neural processor unit (NPU)	AMD Ryzen AI
Total processor performance up to	59 TOPs
NPU performance up to	50 TOPs

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 16 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	96 GB

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✘

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	AMD
Discrete graphics card *	✘
On-board graphics card family	AMD Radeon
On-board graphics card model *	AMD Radeon 840M

Audio	
Audio chip	Realtek ALC3287
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✔

Performance	
Motherboard chipset	AMD SoC

Keyboard	
Pointing device	ThinkPad UltraNav
Numeric keypad *	✔
Keyboard backlit	✔
Copilot key	✔

Software	
Operating system architecture	64-bit
Microsoft Copilot	✔
Operating system installed *	Windows 11 Pro

Battery	
Battery capacity *	52.5 Wh

Power	
AC adapter power	65 W
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔

Security	
Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✔
Smart card reader	✘
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Certificates	
Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS

Weight & dimensions	
Width	359.7 mm
Depth	251.7 mm
Height (front)	1.18 cm
Height (rear)	1.81 cm
Weight *	1.71 kg

Packaging content	
AC adapter included *	✔

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