



# Lenovo ThinkPad P16s Gen 4 (AMD) Copilot+ PC AMD Ryzen™ AI 5 340 Mobile workstation 40.6 cm (16") Touchscreen WUXGA 32 GB DDR5-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black

**Brand :** Lenovo

**Product family:** ThinkPad

**Product code:** 21QR001PUS

**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, 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, 16" WUXGA (1920x1200) IPS 400nits 45% NTSC Eyesafe Touch, 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](https://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	Privacy shutter
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Touchscreen *	✓	Wi-Fi standards	Wi-Fi 7 (802.11be)
HD type	WUXGA	Mobile network connection *	✗
Panel type	IPS	Antenna type	2x2
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:10	Ethernet LAN data rates	100,1000 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
Display brightness	400 cd/m <sup>2</sup>	Bluetooth version	5.4
RGB colour space	NTSC	Near Field Communication (NFC)	✗
Colour gamut	45%	WWAN	Not installed
Processor		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		
Processor cache type	L3		
Processor base power	28 W		

<b>Neural processor unit (NPU)</b>		<b>Performance</b>	
Copilot+ PC	✓	Motherboard chipset	AMD SoC
Neural processor unit (NPU)	AMD Ryzen AI	<b>Keyboard</b>	
Total processor performance up to	59 TOPs	Pointing device	ThinkPad UltraNav
NPU performance up to	50 TOPs	Numeric keypad *	✓
<b>Memory</b>		Keyboard backlit	✓
Internal memory *	32 GB	Copilot key	✓
Internal memory type	DDR5-SDRAM	<b>Software</b>	
Memory clock speed	5600 MHz	Operating system architecture	64-bit
Memory form factor	SO-DIMM	Microsoft Copilot	✓
Memory layout (slots x size)	2 x 16 GB	Operating system installed *	Windows 11 Pro
Memory slots	2x SO-DIMM	Bundled software	Lenovo AI Now
Maximum internal memory *	96 GB	<b>Battery</b>	
<b>Storage</b>		Battery capacity *	52.5 Wh
Total storage capacity *	512 GB	<b>Power</b>	
Storage media *	SSD	AC adapter power	65 W
Total SSDs capacity	512 GB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	512 GB	<b>Security</b>	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
SSD form factor	M.2	Fingerprint reader	✓
Optical drive type *	✗	Smart card reader	✗
Card reader integrated	✗	Windows Hello	✓
<b>Graphics</b>		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	<b>Certificates</b>	
On-board GPU manufacturer	AMD	Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS
Discrete graphics card *	✗	<b>Weight &amp; dimensions</b>	
On-board graphics card family	AMD Radeon	Width	359.7 mm
On-board graphics card model *	AMD Radeon 840M	Depth	251.7 mm
<b>Audio</b>		Height (front)	1.18 cm
Audio chip	Realtek ALC3287	Height (rear)	1.81 cm
Number of built-in speakers	2	Weight *	1.71 kg
Speaker power	2 W	<b>Packaging content</b>	
Built-in microphone	✓	AC adapter included *	✓
Number of microphones	2		



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