



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	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/m²	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	Performance	
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 *	32 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)	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	Battery	
Storage		Battery capacity *	52.5 Wh
Total storage capacity *	1 TB	Power	
Storage media *	SSD	AC adapter power	65 W
Total SSDs capacity	1 TB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	1 TB	Security	
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	✓
Graphics		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Certificates	
On-board GPU manufacturer	AMD	Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card family	AMD Radeon	Width	359.7 mm
On-board graphics card model *	AMD Radeon 840M	Depth	251.7 mm
Audio		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	Packaging content	
Built-in microphone	✓	AC adapter included *	✓
Number of microphones	2		



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