



# Lenovo ThinkPad P16s Gen 4 (AMD) Copilot+ PC AMD Ryzen™ AI 7 350 Mobile workstation 40.6 cm (16") Touchscreen WQUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black

**Brand :** Lenovo

**Product family:** ThinkPad

**Product code:** 21QR001HUS

**Product name :** ThinkPad P16s Gen 4 (AMD)



- AMD Ryzen AI 7 PRO 350 (8C/16T, 2.0/5.0GHz, 8MB L2/16MB L3)
- 16" WQUXGA (3840x2400) OLED 400nits Anti-reflection / Anti-smudge 100% DCI-P3 Eyesafe UL Low Blue Light Touch
- 1x 16GB SO-DIMM DDR5-5600 Non-ECC
- 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- AMD Radeon 860M Graphics
- Windows 11 Pro

AMD Ryzen AI 7 PRO 350 (8C/16T, 2.0/5.0GHz, 8MB L2/16MB L3), 1x 16GB SO-DIMM DDR5-5600 Non-ECC, 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, 16" WQUXGA (3840x2400) OLED 400nits Anti-reflection / Anti-smudge 100% DCI-P3 Eyesafe UL Low Blue Light Touch, AMD Radeon 860M Graphics, MediaTek Wi-Fi 7 MT7925 802.11be 2x2 + BT5.4, 5.0MP + IR with Privacy Shutter and Human Presence Detection, Windows 11 Pro



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 *	3840 x 2400 pixels	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Touchscreen *	✓	Wi-Fi standards	Wi-Fi 7 (802.11be)
HD type	WQUXGA	Mobile network connection *	✗
Panel type	OLED	Antenna type	2x2
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:10	Ethernet LAN data rates	100,1000 Mbit/s
Display brightness	400 cd/m <sup>2</sup>	Bluetooth	✓
RGB colour space	DCI-P3	Bluetooth version	5.4
Colour gamut	100%	Near Field Communication (NFC)	✗
Processor		WWAN	Not installed
Processor manufacturer *	AMD	Ports & interfaces	
Processor family *	AMD Ryzen™ AI 7	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 *	350	HDMI ports quantity *	1
Processor cores	8	HDMI version	2.1
Processor threads	16	Thunderbolt 4 ports quantity	2
Processor boost frequency	5 GHz	Intel® Thunderbolt 4	✓
Processor frequency *	2 GHz	Combo headphone/mic port	✓
Processor cache	16 MB	USB Sleep-and-Charge	✓
Processor cache type	L3	Performance	
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	66 TOPs	Pointing device	ThinkPad UltraNav
NPU performance up to	50 TOPs	Numeric keypad *	✓
<b>Memory</b>		Keyboard backlit	✓
Internal memory *	16 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)	1 x 16 GB	Operating system installed *	Windows 11 Pro
Memory slots	2x SO-DIMM	<b>Battery</b>	
Maximum internal memory *	96 GB	Battery capacity *	86 Wh
<b>Storage</b>		<b>Power</b>	
Total storage capacity *	512 GB	AC adapter power	100 W
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	512 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	<b>Security</b>	
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 *	✗	Windows Hello	✓
Card reader integrated	✗	Trusted Platform Module (TPM)	✓
<b>Graphics</b>		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	<b>Certificates</b>	
On-board graphics card *	✓	Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS
On-board GPU manufacturer	AMD	<b>Weight &amp; dimensions</b>	
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 860M	Height (front)	1.18 cm
<b>Audio</b>		Height (rear)	1.81 cm
Audio chip	Realtek ALC3287	Weight *	1.71 kg
Number of built-in speakers	2	<b>Packaging content</b>	
Speaker power	2 W	AC adapter included *	✓
Built-in microphone	✓		
Number of microphones	2		



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