



Lenovo ThinkPad P16s Gen 4 (AMD) Copilot+ PC AMD Ryzen AI 9 HX PRO 370 Mobile workstation 40.6 cm (16") WUXGA 64 GB DDR5-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro English Black

Brand : Lenovo

Product family: ThinkPad

Product code: 21RX000XMH

Product name : ThinkPad P16s Gen 4 (AMD)



- AMD Ryzen AI 9 HX PRO 370 (12C/24T, 2.0/5.1GHz, 12MB L2/24MB L3)
- 16" WUXGA (1920x1200) IPS 500nits 100% sRGB Low Power Eyesafe UL Low Blue Light
- 2x 32GB SO-DIMM DDR5-5600 Non-ECC
- 1TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- AMD Radeon 890M Graphics
- Windows 11 Pro

AMD Ryzen AI 9 HX PRO 370 (12C/24T, 2.0/5.1GHz, 12MB L2/24MB L3), 2x 32GB SO-DIMM DDR5-5600 Non-ECC, 1TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, 16" WUXGA (1920x1200) IPS 500nits 100% sRGB Low Power Eyesafe UL Low Blue Light, AMD Radeon 890M 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 *	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	500 cd/m²	Bluetooth version	5.4
RGB colour space	sRGB	Near Field Communication (NFC)	✗
Colour gamut	100%	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 9 HX PRO	Ethernet LAN (RJ-45) ports	1
Processor generation	AMD Ryzen AI PRO 300 Series	HDMI ports quantity *	1
Processor model *	370	HDMI version	2.1
Processor cores	12	Thunderbolt 4 ports quantity	2
Processor threads	24	Intel® Thunderbolt 4	✓
Processor boost frequency	5.1 GHz	Combo headphone/mic port	✓
Processor frequency *	2 GHz	USB Sleep-and-Charge	✓
Processor cache	24 MB	Performance	
Processor cache type	L3		

Neural processor unit (NPU)		Performance	
Copilot+ PC	✓	Motherboard chipset	AMD SoC
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard	
Total processor performance up to	80 TOPs	Pointing device	ThinkPad UltraNav
NPU performance up to	50 TOPs	Numeric keypad *	✓
Memory		Keyboard backlit	✓
Internal memory *	64 GB	Keyboard language	English
Internal memory type	DDR5-SDRAM	Copilot key	✓
Memory clock speed	5600 MHz	Software	
Memory form factor	SO-DIMM	Operating system architecture	64-bit
Memory layout (slots x size)	2 x 32 GB	Operating system language	English, French, German, Dutch, Italian
Memory slots	2x SO-DIMM	Microsoft Copilot	✓
Maximum internal memory *	96 GB	Operating system installed *	Windows 11 Pro
Storage		Bundled software	Lenovo AI Now
Total storage capacity *	1 TB	Battery	
Storage media *	SSD	Battery capacity *	86 Wh
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	AC adapter power	65 W
SSD capacity	1 TB	USB Type-C charging port *	✓
SSD interface	PCI Express 4.0	USB Power Delivery (USB PD)	✓
NVMe	✓	Security	
SSD form factor	M.2	Cable lock slot	✓
Optical drive type *	✗	Cable lock slot type	Kensington
Card reader integrated	✗	Fingerprint reader	✓
Graphics		Smart card reader	✓
Discrete graphics card model *	Not available	Windows Hello	✓
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	AMD	Trusted Platform Module (TPM) version	2.0
Discrete graphics card *	✗	Certificates	
On-board graphics card family	AMD Radeon	Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS
On-board graphics card model *	AMD Radeon 890M	Weight & dimensions	
Audio		Width	359.7 mm
Audio chip	Realtek ALC3287	Depth	251.7 mm
Number of built-in speakers	2	Height (front)	1.18 cm
Speaker power	2 W	Height (rear)	1.81 cm
Built-in microphone	✓	Weight *	1.71 kg
Number of microphones	2	Packaging content	
		AC adapter included *	✓



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