Lenovo ThinkPad P16s Gen 4 (AMD) Copilot+ PC AMD Ryzen AI 9 HX PRO PRO 370 Mobile workstation 40.6 cm (16") WUXGA 96 GB DDR5-SDRAM 2 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black

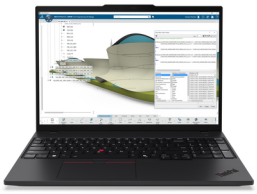


Brand : Lenovo **Product family:** ThinkPad **Product code:** 21RX000LUS

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 48GB SO-DIMM DDR5-5600 Non-ECC
- 2TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- AMD Radeon 890M Graphics
- Windows 11 Pro

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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	500 cd/m²
RGB colour space	sRGB
Colour gamut	100%

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen AI 9 HX PRO
Processor generation	AMD Ryzen AI PRO 300 Series
Processor model *	PRO 370
Processor cores	12
Processor threads	24
Processor boost frequency	5.1 GHz
Processor frequency *	2 GHz
Processor cache	24 MB
Processor cache type	L3

Camera	
Front camera resolution (numeric)	5 MP
Infrared (IR) camera	✓
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	✓

Performance

Neural processor unit (NPU)	
Copilot+ PC	✔
Neural processor unit (NPU)	AMD Ryzen AI
Total processor performance up to	80 TOPs
NPU performance up to	50 TOPs

Memory	
Internal memory *	96 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 48 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	96 GB

Storage	
Total storage capacity *	2 TB
Storage media *	SSD
Total SSDs capacity	2 TB
Number of SSDs installed	1
SSD capacity	2 TB
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 890M

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

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
Bundled software	Lenovo AI Now

Battery	
Battery capacity *	86 Wh

Power	
AC adapter power	100 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	✘
Windows Hello	✔
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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