

# ThinkPad P16s Gen 4 (AMD) 21RX000YGE

Lenovo

**PSREF**  
Product Specifications  
Reference

## PERFORMANCE

### Processor

AMD Ryzen™ AI 9 HX PRO 370 (12C / 24T, 2.0 / 5.1GHz, 12MB L2 / 24MB L3)

### AI PC Category

Copilot+ PC, AI-Ready Workstations

### NPU

Integrated AMD Ryzen™ AI, up to 50 TOPS

### Graphics

Integrated AMD Radeon™ 890M Graphics

### Chipset

AMD SoC Platform

### Memory

2x 32GB SO-DIMM DDR5-5600 Non-ECC

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

### Max Memory

Up to 96GB (2x 48GB DDR5 SO-DIMM)

### Storage

1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

### Storage Support<sup>[1]</sup>

One drive, up to 2TB M.2 2280 SSD

### Storage Slot

One M.2 2280 PCIe® 4.0 x4 slot

### Card Reader

No card reader

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

### Speakers

Stereo speakers, 2W x2, Dolby Atmos®

### Camera

5.0MP + IR with Privacy Shutter and Human Presence Detection

### Microphone

2x, Array

### Battery

86Wh

### Power Adapter

65W USB-C® (3-pin)

## DESIGN

### Display

16" WUXGA (1920x1200) IPS 500nits Anti-glare, 100% sRGB, Low Power, Eyesafe®, UL Low Blue Light

### Color Calibration

AICCP Color Calibration

### Keyboard

Backlit, German

### Case Color

Black

### Case Material

PC + 20% CF + 50% GF + 30% PCC (Top), PC + 40% GF + 45% PCC (Bottom)

### Pen

Pen Not Supported

### Dimensions (WxDxH)<sup>[2]</sup>

359.70 x 251.70 x 11.80/18.14 (front/rear), 23.65 (maximum) mm;

14.16 x 9.91 x 0.47/0.71 (front/rear), 0.93 (maximum) inches

### Weight<sup>[3]</sup>

Starting at 1.71 kg (3.77 lbs)

## SOFTWARE

### Operating System

Windows® 11 Pro, German

### Bundled Software

Lenovo® AI Now

## CONNECTIVITY

### WLAN + Bluetooth®

MediaTek Wi-Fi® 7 MT7925, 802.11be 2x2 + BT5.4

### WWAN

WWAN Upgradable to 5G

### Ethernet

100/1000M (RJ-45)

### Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with PD 3.0 and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Security keyhole

### Optional Ports (configured)

- 1x Smart Card Reader
- 1x Nano-SIM Card Slot

### Docking

Various docking solutions supported via Thunderbolt™ or USB-C®.

For more compatible docking solutions, please visit [Docking for ThinkPad® P16s Gen 4 \(AMD\)](#)

## SECURITY & PRIVACY

### Smart Card Reader

Smart Card Reader

### Security Chip

Microsoft® Pluton TPM 2.0 Enabled

### Fingerprint Reader

Touch Style, Match-on-Chip, Integrated in Power Button

### Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

### Other Security

- Bottom cover tamper detection
- Camera privacy shutter (camera models)
- Ultrasonic Human Presence Detection for IR camera
- IR camera for Windows® Hello (facial recognition)

## MANAGEABILITY

### System Management

AMD PRO Manageability

## SERVICE

### Base Warranty

3-year, Courier or Carry-in

### Included Upgrade

1Y Premier Support from 3Y Depot Windchill bundles (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

## CERTIFICATIONS

### Green Certifications<sup>[4]</sup>

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- RoHS compliant
- TCO Certified 10.0

### Other Certifications

- UL Low Blue Light
- Eyesafe® Certified 2.0

### Mil-Spec Test

MIL-STD-810H military test passed

### ISV Certifications

Please visit [ISV certifications for Lenovo® Workstations](#)

## MODEL

**TopSeller** : Yes **Announce Date** : 2025-04-22

**EAN / UPC / JAN** : 0198158506908 **End of Support** : 2031-11-22

Note:

<sup>[1]</sup> The storage capacity supported is based on the test results with current Lenovo storage offerings.

<sup>[2]</sup> The system dimensions may vary depending on configurations.

<sup>[3]</sup> The system weight is approximate and based on results in.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please access the [web page](#).

## Premier Support - A direct 24x7x365 line to our most elite technicians.



Advanced technical support, 24x7x365, in more than 100 markets



Technical Account Managers for proactive relationship and escalation management



Comprehensive hardware & OEM software support



Priority on service delivery and repair parts



Single point of contact for simplified end-to-end case management



Lenovo Service Connect Portal for customized reporting and product support

## Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

## Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

## Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories



### ThinkPad Universal USB-C Dock

40AY0090US

**THE SMARTER WAY TO WORK** Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...



### ThinkPad Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

- The ThinkPad Hybrid USB-C with USB-A dock is a productivity solution for any USB-C or USB-A laptop, including non-Lenovo laptops from Dell, HP, and Apple, providing power, display, and port expansion in any m...

Please click [here](#) to view the full list of accessories.

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