

ThinkPad P16s Gen 4 (AMD)

PSREF

Product Specifications
Reference

PERFORMANCE

- Processor**
AMD Ryzen™ AI 5 PRO 340 (6C / 12T, 2.0 /4.8GHz, 6MB L2 / 16MB L3)
- AI PC Category**^[1]
Copilot+ PC, AI-Ready Workstations
- NPU**
Integrated AMD Ryzen™ AI, up to 50 TOPS
- Graphics**
Integrated AMD Radeon™ 840M Graphics
- Chipset**
AMD SoC Platform
- Memory**
1x 16GB 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**
512GB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0
- Storage Support**^[2]
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**
52.5Wh
- Power Adapter**
65W USB-C® (3-pin)
- DESIGN**
- Display**
16" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC
- Color Calibration**
AICC Color Calibration
- Keyboard**
Backlit, Swiss

- Case Color**
Black
- Case Material**
PC + 20% CF + 50% GF + 30% PCC (Top), PC + 20% CF + 30% PCC (Bottom)
- Pen**
Pen Not Supported
- Dimensions (WxDxH)**^[3]
359.70 x 251.70 x 11.80/18.14 (front/rear), 23.5 (maximum) mm;
14.16 x 9.91 x 0.47/0.71 (front/rear), 0.93 (maximum) inches
- Weight**^[4]
Starting at 1.71 kg (3.77 lbs)

SOFTWARE

- Operating System**
Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

CONNECTIVITY

- WLAN + Bluetooth®**
MediaTek Wi-Fi® 7 MT7925, 802.11be 2x2 + BT5.4
- WWAN**
Non-WWAN
- 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

- 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**^[5]
- ENERGY STAR® 9.0
 - EPEAT™ Gold Registered
 - RoHS compliant
 - TCO Certified 10.0
- Other Certifications**
UL Low Blue Light
- 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	: 0198158409490	End of Support	: 2031-11-22

Note:
^[1] The AI features of Copilot+ PC require Windows 11 to be installed.
^[2] The storage capacity supported is based on the test results with current Lenovo storage offerings.
^[3] The system dimensions may vary depending on configurations.
^[4] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.
^[5] EPEAT is registered where applicable, please visit [epeat.net](#) for registration status by country.

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2644?M=21QR002XMZ>

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

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)

- 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...

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>

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Product Specifications
Reference