

Lenovo ThinkPad

Lenovo ThinkPad P16s Gen 4 AMD

Performance at the Speed of Life

Lenovo



The Lenovo ThinkPad P16s AMD provides the perfect blend of premium power and portability with a stunning 16-inch 16:10 display. Optimized for the next generation of AI experiences, the P16s features the latest AMD Ryzen™ AI PRO 300 Series processors, delivering 50+ TOPS. With this Copilot+ PC, completely transform your workflow with integrated AI tools that will boost productivity and speed up everyday tasks. The P16s also offers the conveniences of a full numeric keypad, Wi-Fi 7 connectivity, and all-day battery capacity in a lightweight design—perfect for on-the-go professionals that need to keep projects moving.

Processor:

**5.1GHz
12 Cores**

AMD Ryzen™ AI PRO
300 Series

Graphics:

**AMD Radeon™
890M**

AMD RDNA™ 3.5 Architecture
+ PRO Graphics Driver

Memory:

**96GB
DDR5**

5600MT/s

AI:

**50+
TOPS**

NPU: 50 TOPS
Total: Up to 80 TOPS

Features



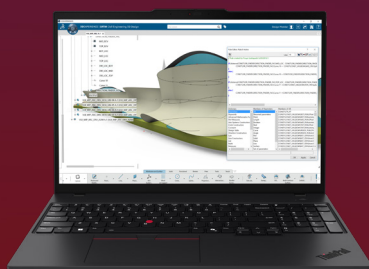
Microsoft Copilot+ Enabled
Optimized for AI workflows
with 50+ TOPS



Best-in-Class Integrated Graphics
AMD Radeon™ graphics
powered by AMD RDNA™
3.5 architecture enables
rapid content creation and
seamless multitasking



Simplified Maintenance
Easy access to customer
replaceable units including
battery, keyboard, storage,
and more



Designed for Mobility
Stay connected on the
go with Wi-Fi 7, 5G²,
Thunderbolt™ 4, and more

Lenovo ThinkPad P16s Gen 4 AMD Product Specifications[^]

Performance

Processor

Up to AMD Ryzen™ AI 9 HX PRO 370
(up to 12 cores, up to 5.1GHz)[^]

Graphics

Processor Integrated: up to AMD
Radeon™ 890M, AMD RDNA™ 3.5
Architecture + AMD PRO Graphics Driver

AI

NPU: 50 TOPS
Total: Up to 80 TOPS
with AMD XDNA™ 2 architecture

Total Memory

Up to 96GB DDR5 5600MT/s

Memory DIMM Capacity

8GB¹ / 16GB¹ / 32GB / 48GB

2 SoDIMM Slots

Total Storage

Up to 2TB NVMe PCIe® Gen4 SSD[^]

1 Drive

Camera

5MP RGB with ThinkPad Webcam
Privacy Shutter and Human Presence
Detection²

5MP RGB + IR with ThinkPad Webcam
Privacy Shutter and Human Presence
Detection²

Battery

52.5Whr¹

86Whr

Power Supply

65W USB-C® (110cc, 80cc, 49cc)

100W USB-C

Rapid Charge

Design

Dimensions (WxDxH)

(mm): 359.70 x 251.70 x 18.14 (Rear) /
11.8 mm (Front)

(inches): 14.16 x 9.91 x 0.71 (Rear) /
0.47 (Front)

Weight

Starting at 1.71kg / 3.77lbs

Keyboard

ThinkPad Non-Backlit¹ or Backlit

¹ Available with AMD Ryzen™ AI 7 PRO 350 and Ryzen AI 5
PRO 340 processors only

² Optional

³ Bluetooth may be limited by OS

Display

16" 16:10 Display

WQUXGA OLED (3840 x 2400)

- Add On Film Touch, 400nit, 100%
DCI-P3, X-Rite FCC, Anti-Glare/
Anti-Reflective, Low Blue Light, UL
Eyesafe^{®1}

WUXGA (FHD+) (1920 x 1200)

- IPS, 500nit, 100% sRGB, ICC Template
color calibration, Anti-Glare, Low Blue
Light, UL Eyesafe

- IPS, Touch, 400nit, 45% CG,
Anti-Glare, 3M Dual Brightness
Enhancement Film 5¹

- IPS, 400nit, 45% CG, Anti-Glare, 3M
Dual Brightness Enhancement Film 5¹

Connectivity

Ports

(2) USB-A (5Gbps)[^], 1 Always On

(2) USB-C Thunderbolt™ 4[^]

(1) HDMI 2.1[^]

(1) Mic/Headphone Combo Jack

(1) RJ-45 Gigabit Ethernet

(1) Smart Card Reader

(1) Nano SIM

Wireless Connectivity

Wi-Fi 7 MediaTek MT7925

Bluetooth™ 5.3³

Quectel 5G RM520N-GL²

Near Field Communication (NFC)^{1,2}

[^] For a full list of configuration details please visit:
<https://psref.lenovo.com>

* USB port transfer speeds are approximate and depend
on many factors, such as processing capability of host/
peripheral devices, file attributes, system configuration and
operating environments; actual speeds will vary and may be
less than expected.

AMD
RYZEN AI
PRO

Lenovo

Lenovo Options & Accessories



ThinkVision P32pz-30 Display



ThinkPad Workstation Thunderbolt™ 4 Dock



ThinkPad Professional 16-inch Topload



Scan for system overview, supported components, and technical specifications.

For a full list of accessories and options, please visit: accsmartfind.lenovo.com

For more details on ThinkStation and ThinkPad, please visit: lenovo.com/workstations

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Lenovo ThinkPad P16s Gen 4 AMD General Specifications[^]

Software

Operating System

Windows 11 Pro
Windows 11 Home
Ubuntu® Linux^{®1}
Red Hat® Enterprise Linux^{®2}
Fedora® Linux¹

Windows Preloads

Lenovo Commercial Vantage

Additional Features

Ultra Performance Mode
Self Healing BIOS

ISV Certifications

Including Adobe®, Altair®, ANSYS®, Autodesk®, AVEVA®, AVID®, Bentley®, Dassault®, Nemetschek®, PTC®, Siemens®

For a complete list of ISV certifications visit <http://www.thinkworkstations.com>

Security

ThinkShield

dTPM 2.0
Touch Fingerprint Reader
ThinkPad Webcam Privacy Shutter
Kensington Lock Slot

Sustainability

Materials

30% PCC Recycled Plastic A Cover
30% PCC Recycled Plastic D Cover with WLAN
45% PCC Recycled Plastic D Cover with WWAN
90% Recycled Magnesium C Cover
90% PCC AC Adapter
90% PCC Speaker Enclosure
85% PCC Keyboard Caps (Backlit), 70% PCC Keyboard Caps (non-Backlit)
Low Temperature Solder³
Plastic free packaging with 90% recycled and/or FSC certified content^{4,5}

Certifications

EPEAT®⁶ Gold
ENERGY STAR®^{6,7}
RoHS Compliant
TCO 10.0

Recommended Services

Lenovo's Premier Support Plus

delivers advanced anywhere, anytime seamless support with AI-powered, proactive and preventative services. Also includes Accidental Damage Protection, extended battery warranty (for eligible devices) and Keep Your Drive. You'll minimize downtime, boost productivity, enhance the experience, and free up in-house IT resources from break/fix maintenance.

Warranty Extensions & Upgrades

Lenovo offers a range of warranty upgrades to suit your business needs, such as next business day upgrades. Warranty extensions allow you to control your device budget, protect your investment and potentially lower the cost of ownership over time.

Lenovo's Asset Recovery Services

(ARS) enables secure destruction of data, helps reduce e-waste, and offers a fair market value for your end-of-life IT assets. The service also supports equipment from any manufacturer including PCs & tablets, monitors, servers, phones, printers, copiers and networking equipment.

Lenovo CO₂ Offset Service makes offsetting carbon emissions simple and within the control of the customer. We offset the carbon emissions across the average lifecycle associated with each of our devices by providing the option at point of purchase. These offsets help support climate action projects verified by United Nations, Gold Standard®, and Climate Action Reserve.

¹ Select versions available via preload

² Red Hat Enterprise Linux select versions certified

³ SSD, Fingerprint Reader Module, and Memory

⁴ Product packaging shall contain, on average, a minimum total percentage of 90% by weight of any combination of the following materials: Recycled content, biobased plastic, non-wood biobased fiber material, and/or sustainably forested material

⁵ Standard / bulk

⁶ Certification available on select models

⁷ Certification available on select models; EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country

[^] For a full list of configuration details please visit: <https://psref.lenovo.com>

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