

Elevate Professional Endeavors with Powerhouse Workstations

Designed for business users who tackle compute-intensive workflows. With professional-grade graphics and powerful, multi-core processors, Lenovo sets the standard for mobile workstations and ensures best-in-class reliability even when you're away from the office.

ThinkPad P16v Gen 1 (AMD)



This high-performance device features an AMD Ryzen PRO processor and up to 64GB DDR5 memory to cater to the needs of CAD designers, engineers, and big data analysts. With up to 2x 2TB storage, multi-monitor support, and advanced application compatibility, it's perfect for handling complex workflows and workloads. Plus, the 90Wh battery provides a longer runtime, while the Rapid Charge feature allows for quick recharging, ensuring minimal downtime for professionals on the go.

Featuring a 16.0", WQUXGA screen with an anti-glare surface, this device renders animation videos, financial charts, workflows that are perfectly scaled and detailed. Its 800nits brightness ensures optimal visibility, whereas the Low Blue Light and Eye Safe certification reduces eye strain during longer hours of work.

Trust the powerful AMD Ryzen 9 PRO processors and Windows 11 PRO OS to tackle heavy data analysis, complex spreadsheets and statistical workflows with ease.

The AMD Ryzen 9 PRO OS and AMD Radeon NVIDIA RTX 2000 graphic features help graphic designers and editors to run heavy files and software applications with ease.

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Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



Accessories

Lenovo USB-C Wired In-Ear Headphones



- Hear every detail with the impressive 9mm audio drivers that produce rich, natural tones.
- Designed to be business-ready on any USB-C device, at any time.
- Play and pause media via a single convenient button.

PN: 4XD1J77351

Lenovo Go Wireless Split Keyboard



- Human-inspired true ergonomic split keyboard with tactile and responsive, scissor switch keys
- 13-degrees splay for straight typing, comfortable neck and shoulders
- 11-degrees vertical tenting for more natural typing posture

PN: 4Y41C33748~4Y41C33789

ThinkPad P16v Gen 1 (AMD)

Performance

Processor
Up to AMD Ryzen PRO 7040HS Series Processors

Operating System*
Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language
Windows 11 DG Windows 10 Pro 64
Ubuntu Linux LTS

Graphics
AMD Radeon 760M (integrated)
AMD Radeon 780M (integrated)
NVIDIA RTX A500 Laptop GPU
NVIDIA RTX A1000 Laptop GPU
NVIDIA RTX 2000 Ada Generation Laptop GPU

Memory
Up to 64GB DDR5-5600, 2x SODIMM

Storage
Up to 2x 2TB M.2 2280 PCIe NVMe SSD

Audio*
High Definition (HD) Audio
Stereo speakers
Dual-microphone array, far-field, Dolby Voice

Camera*
FHD 1080p, with privacy shutter
5.0MP + IR discrete, with privacy shutter and Ultrasonic Human Presence Detection

Battery
90Wh battery, Rapid Charge

Power Adapter*
135W slim tip adapter
170W slim tip adapter

Design

Display
16.0" WUXGA (1920x1200) IPS Anti-glare 16:10
- 300nits, 45% NTSC
- 300nits, 45% NTSC, touch
16.0" WUXGA (1920x1200) IPS Anti-glare 16:10
- 300nits, 100% sRGB, TÜV Low Blue Light
16.0" WQUXGA (3840x2400) IPS Anti-glare 16:10
- 800nits, 100% DCI-P3, TÜV Low Blue Light,
Eyesafe Certified 2.0, X-Rite Factory Color
Calibration, Dolby Vision, DisplayHDR 400

Keyboard
6-row, spill-resistant, numeric keypad, optional backlight

Touchpad
TrackPoint and Mylar surface touchpad
67.6 x 115 mm (2.66 x 4.53 inches)

Dimensions
365 x 262 x 24.66 mm
(14.37 x 10.31 x 0.97 inches)

Weight
Starting at 2.2 kg (4.85 lbs)

Color
Thunder black

Case material
PC-ABS (top), PC-ABS (bottom)

Connectivity

WLAN + Bluetooth*
Qualcomm NFA-725A Wi-Fi 6E, 802.11ax, Bluetooth 5.3

WWAN*
Up to 4G LTE CAT16*

NFC
Near Field Communication*

Ports
1x HDMI
1x USB 3.2 Gen 1
1x USB 3.2 Gen 1 (one Always On)
2x USB4 40Gbps (data, PD 3.0, DP 1.4)
1x SD Express 7.0 card reader
1x Headphone / microphone combo jack (3.5mm)
1x GbE RJ-45, via USB-C to RJ-45 dongle*
1x Smart card reader*
1x Nano-SIM card slot*

Docking
Docking support via Thunderbolt / USB-C

Security & Privacy

Security
Discrete TPM 2.0
Kensington Nano Security Slot
Smart card reader*
Touch style MOC fingerprint reader
Camera privacy shutter*
IR camera for Windows Hello (facial recognition)*
Human Presence Detection*

Manageability

System Management*
AMD PRO Manageability 2.0*

Environmental

Material
85% PCC recycled plastic used in key caps
90% PCC recycled plastic used in speaker enclosure
90% PCC recycled plastic used in the battery
30% PCC recycled plastic used in 135W and 170W adapters
90% recycled and/or sustainable packaging

Certifications

Green Certifications
EPEAT Gold Registered
ENERGY STAR 8.0
TCO Certified 9.0
RoHS compliant

Other Certifications
Eyesafe Certified 2.0*
TÜV Rheinland Low Blue Light*
MIL-STD-810H

Items with * are optional and only available on selected models. Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2026 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.