ThinkPad P16v Gen 1 (AMD) 21FE0029CA





The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- AMD Ryzen 9 PRO 7940HS (8C / 16T, 4.0 / 5.2GHz, 8MB L2 / 16MB L3)
- 1x 16GB SODIMM DDR5-5600 Non-ECC
- 512GB SSD M.2 2280 PCIe 4.0x4 Performance NVMe Opal 2.0
- NVIDIA RTX 2000 Ada Generation 8GB GDDR6
- Windows 11 Pro, French
- Case color - Thunder Black
- 3Y Sealed Battery Add On, 3Y Premier Support Upgrade from 3Y Courier/Carry-in

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

- Advanced technical support, 24x7x365, in more than 100 markets
- Comprehensive hardware & OEM software support
- Single point of contact for simplified end-to-end case management
- Technical Account Managers for proactive relationship and escalation management
- Priority on service delivery and repair parts
- 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

Recommended Accessories

United Kingdom



Lenovo Dual-Mode Wireless ANC Headset 6550 (USB-C, Teams)

4XD1S19778



ThinkPad Professional 16-inch Backpack Gen 2

4X41M69794



ThinkPad Thunderbolt 4 Workstation Dock - UK/HK/SGP/MYS

40B00300UK



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



Lenovo 16-inch Premium Clarity Privacy Filter for P16/T16 Gen1 (16:10)

4XJ1U03939



Lenovo PS8S Portable SSD 4TB

4XB1T91892

>> View More Accessories

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PERFORMANCE

Processor
AMD Ryzen™ 9 PRO 7940HS (8C / 16T, 4.0 / 5.2GHz, 8MB L2 / 16MB L3)

Graphics
NVIDIA® RTX 2000 Ada Generation 8GB GDDR6

Chipset
AMD SoC Platform

Memory
1x 16GB SODIMM DDR5-5600 Non-ECC

Memory Slots
Two DDR5 SODIMM slots, dual-channel capable

Max Memory
Up to 64GB (2x 32GB DDR5 SODIMM)

Storage
512GB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

Storage Slot
Two M.2 2280 PCIe® 4.0 x4 slots

Max Storage Support[1]
Up to two drives, 2x M.2 SSD • M.2 2280 SSD up to 4TB, 2TB each

RAID Preset
None

Card Reader
SD 7.0 Card Reader

Audio Chip
High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers
Stereo speakers, 2W x2, Dolby Audio™

Microphone
2x, Array

Camera
5.0MP + IR with Privacy Shutter and Human Presence Detection

Battery
90Wh

Power Adapter
170W Slim Tip (3-pin)

DESIGN

Display[2]
16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC

Touchscreen
None

Color Calibration
No Color Calibration

Pen
Pen Not Supported

Keyboard
Backlit, Canadian French

Dimensions (WxDxH)[3]
365 x 262 x 24.66 mm (14.37 x 10.32 x 0.97 inches)

Weight[4]
Starting at 2.2 kg (4.85 lbs)

Case Color
Thunder Black

Case Material
PC-ABS (Top), PC-ABS (Bottom)

SOFTWARE

Operating System
Windows® 11 Pro, French

Bundled Software
None

CONNECTIVITY

WLAN + Bluetooth
Qualcomm® Wi-Fi® 6E NFA725A, 802.11ax 2x2 + BT5.3

WWAN
WWAN Not Supported

SIM Card
No physical SIM card inbox

Ethernet
No Onboard Ethernet

NFC
No NFC

Standard Ports
- 2x USB 3.2 Gen 1 (one Always On)
- 2x USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)[5]
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD Express 7.0 card reader
- 1x Kensington Nano Security Slot™

Optional Ports (configured)
None

Docking
Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit Docking for ThinkPad® P16v Gen 1 (AMD)

SECURITY & PRIVACY

Security Chip
Microsoft® Pluton TPM 2.0 Enabled

Physical Locks
Kensington Nano Security Slot™, 2.5 x 6 mm

Smart Card Reader
No Smart Card Reader

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

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 2.0

SERVICE

Base Warranty
3-year, Courier or Carry-in

Included Upgrade
3Y Sealed Battery Add On, 3Y Premier Support Upgrade from 3Y Courier/Carry-in

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

ISV Certifications
Please visit ISV certifications for Lenovo® Workstations

Green Certifications
- ENERGY STAR® 8.0
- EPEAT™ Gold Registered[6]
- RoHS compliant
- TCO Certified 9.0

Mil-Spec Test
MIL-STD-810H military test passed

MODEL

TopSeller	: Yes	**EAN / UPC / JAN**	: 197532974579
Announce Date	: 2023-09-27	**End of Support**	: 2030-02-25

Note:
[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
[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] Power Delivery only supports power-out for charging peripherals.
[6] EPEAT is registered where applicable, please visit epeat.net for registration status by country.

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- Lenovo reserves the right to change specifications without notice.