

# ThinkPad P16v Gen 1 (AMD)

## 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	2x 32GB SO-DIMM DDR5-5600 Non-ECC
Memory Slots	Two DDR5 SO-DIMM slots, dual-channel capable
Max Memory	Up to 64GB (2x 32GB DDR5 SO-DIMM)
Storage	1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0
Storage Support <sup>[1]</sup>	Up to two drives, 2x M.2 SSD <ul style="list-style-type: none"><li>M.2 2280 SSD up to 4TB, 2TB each</li></ul>
Storage Slot	Two M.2 2280 PCIe® 4.0 x4 slots
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™
Camera	5.0MP + IR with Privacy Shutter and Human Presence Detection
Microphone	2x, Array
Battery	Integrated 90Wh
Power Adapter	170W Slim Tip (3-pin)

## DESIGN

Display <sup>[2]</sup>	16" WUXGA (1920x1200) IPS 300nits Anti-glare, 100% sRGB, TÜV Low Blue Light
Touchscreen	None
Color Calibration	None

Keyboard	Backlit, German
Case Color	Thunder Black
Case Material	PC-ABS (Top), PC-ABS (Bottom)
Pen	Pen Not Supported
Dimensions (WxDxH) <sup>[3]</sup>	365 x 262 x 24.66 mm (14.37 x 10.32 x 0.97 inches)
Weight <sup>[4]</sup>	Starting at 2.2 kg (4.85 lbs)

## SOFTWARE

Operating System	Windows® 11 Pro, German
Bundled Software	None

## CONNECTIVITY

Ethernet	No Onboard Ethernet
WLAN + Bluetooth <sup>[5]</sup>	Qualcomm® Wi-Fi® 6E NFA725A, 802.11ax 2x2 + BT5.3
WWAN	Non-WWAN
SIM Card	None
NFC	None
Standard Ports <sup>[6]</sup>	<ul style="list-style-type: none"><li>2x USB 3.2 Gen 1 (one Always On)</li><li>2x USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)</li><li>1x HDMI® 2.1, up to 8K/60Hz</li><li>1x Headphone / microphone combo jack (3.5mm)</li><li>1x SD Express 7.0 card reader</li><li>1x Security keyhole</li></ul>
Optional Ports (configured)	None
Docking	Various docking solutions supported via Thunderbolt™ or USB-C®.
For more compatible docking solutions, please visit <a href="#">Docking for ThinkPad® P16v Gen 1 (AMD)</a>	

## SECURITY & PRIVACY

Smart Card Reader	None
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	<ul style="list-style-type: none"><li>Bottom cover tamper detection</li><li>Camera privacy shutter (camera models)</li><li>IR camera for Windows® Hello (facial recognition)</li><li>Ultrasonic Human Presence Detection for IR camera</li></ul>

## MANAGEABILITY

System Management	AMD PRO Manageability 2.0
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## SERVICE

Base Warranty	3-year, Courier or Carry-in
Included Upgrade	CO2 Offset 0.5 ton, 1Y Premier Support from 3Y Depot Windchill bundles (CPN)

## ACCESSORIES

Bundled Accessories <sup>[7]</sup>	None
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## CERTIFICATIONS

Green Certifications <sup>[8]</sup>	<ul style="list-style-type: none"><li>ENERGY STAR® 8.0</li><li>EPEAT™ Gold Registered</li><li>RoHS compliant</li><li>TCO Certified 9.0</li></ul>
Other Certifications	TÜV Rheinland® Low Blue Light
Mil-Spec Test	MIL-STD-810H military test passed

ISV Certifications	Please visit <a href="#">ISV certifications for Lenovo® Workstations</a>
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## MODEL

TopSeller	: Yes	Announce Date	: 2024-08-30
EAN / UPC / JAN	: 0198155288920	End of Support	: 2030-02-25

· Lenovo reserves the right to change specifications without notice.  
To see more note information, please link to <https://psref.lenovo.com/Detail/2342?M=21FE003GGE>

## 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 ...

## Recommended Services

BEST	3Y Premier Support upgrade from 1Y Premier Support (5WS1H31745)
BETTER	2Y Premier Support upgrade from 1Y Premier Support (5WS1H31781)
GOOD	3Y Sealed Battery Add On (5WS1H31713)

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

**PSREF**  
Product Specifications  
Reference