

ThinkPad P16v Gen 1 (Intel)

PERFORMANCE

Processor	Intel® Core™ i7-13700H, 14C (6P + 8E) / 20T, P-core 2.4 / 5.0GHz, E-core 1.8 / 3.7GHz, 24MB
Graphics	NVIDIA® RTX A1000 6GB GDDR6
Chipset	Intel® SoC Platform
Memory^[1]	2x 16GB 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^[2]	Up to two drives, 2x M.2 SSD M.2 2280 SSD up to 4TB, 2TB each
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™ Premium
Camera	5.0MP + IR with Privacy Shutter and Human Presence Detection
Microphone	2x, Array
Battery	90Wh
Power Adapter	170W Slim Tip (3-pin)

DESIGN

Display^[3]	16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC
Touchscreen	None
Color Calibration	None
Keyboard	Backlit, English

Case Color	Thunder Black
Case Material	PC-ABS (Top), PC-ABS (Bottom)
Pen	Pen Not Supported
Dimensions (WxDxH)^[4]	365 x 262 x 24.66 mm (14.37 x 10.32 x 0.97 inches)
Weight^[5]	Starting at 2.2 kg (4.85 lbs)
SOFTWARE	
Operating System^[6]	Windows® 11 Pro, English
Bundled Software	None
CONNECTIVITY	
Ethernet^[7]	No Onboard Ethernet
WLAN + Bluetooth^[8]	Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3
WWAN	Non-WWAN
SIM Card	None
NFC	None
Standard Ports^[9]	2x USB 3.2 Gen 1 (one Always On) 2x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4) 1x HDMI® 2.1, up to 8K/60Hz 1x Headphone / microphone combo jack (3.5mm) 1x SD Express 7.0 card reader 1x Security keyhole
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 (Intel®)

SECURITY & PRIVACY

Smart Card Reader

None

Security Chip

Discrete 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

Non-vPro®

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^[10]

None

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- RoHS compliant
- TCO Certified 9.0

Mil-Spec Test

MIL-STD-810H military test passed

ISV Certifications

Please visit [ISV certifications for Lenovo® Workstations](#)

MODEL

TopSeller	: Yes	Announce Date	: 2023-07-11
EAN / UPC / JAN	: 197532094055	End of Support	: 2030-01-06

Note:

[1] System comes with DDR5-5600 memory and will run at 5200.....

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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>

PSREF
Product Specifications
Reference