

ThinkPad P16v Gen 2 (Intel)

PERFORMANCE

- Processor
- Intel® Core™ Ultra 7 165H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 5.0GHz, 24MB
- AI PC Category
- AI-Ready Workstations
- NPU
- Integrated Intel® AI Boost, up to 11 TOPS
- Graphics
- NVIDIA® RTX 1000 Ada Generation 6GB GDDR6
- Chipset
- Intel® SoC Platform
- Memory
- 1x 16GB SO-DIMM DDR5-5600 Non-ECC
- Memory Slots
- Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory
- Up to 96GB (2x 48GB DDR5 SO-DIMM)
- Storage
- 512GB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0
- Storage Support^[1]
- 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
- Card Reader
- SD Express 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
- 16" WUXGA (1920x1200) IPS 400nits Anti-glare, 100% sRGB, TÜV Low Blue Light
- Keyboard
- Backlit, English

- Case Color
- Black
- Case Material
- PC-ABS (Top), PC-ABS (Bottom)
- Pen
- Pen Not Supported
- Dimensions (WxDxH)^[2]
- 365 x 262 x 24.66 mm (14.37 x 10.32 x 0.97 inches)
- Weight^[3]
- Starting at 2.22 kg (4.90 lbs)

SOFTWARE

- Operating System
- Windows® 11 Pro, English
- Bundled Software
- Intel® Connectivity Performance Suite

CONNECTIVITY

- Ethernet
- 100/1000M (RJ-45)
- WLAN + Bluetooth^[4]
- Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3
- WWAN
- Non-WWAN
- Standard Ports
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with DisplayPort™ 2.1
 - 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
 - 1x HDMI® 2.1, up to 8K/60Hz
 - 1x Headphone / microphone combo jack (3.5mm)
 - 1x Ethernet (RJ-45)
 - 1x SD Express 7.0 card reader
 - 1x Security keyhole
- Docking
- Various docking solutions supported via Thunderbolt™ or USB-C®.
For more compatible docking solutions, please visit [Docking for ThinkPad® P16v Gen 2](#)
- SECURITY & PRIVACY
- 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
- Camera privacy shutter (camera models)
 - Ultrasonic Human Presence Detection for IR camera
 - IR camera for Windows® Hello (facial recognition)

MANAGEABILITY

- System Management
- Intel® vPro® Enterprise

SERVICE

- Base Warranty
- 3-year, Courier or Carry-in
- Included Upgrade
- 3Y Premier Support Upgrade from 3Y Courier/Carry-in

CERTIFICATIONS

- Green Certifications^[5]
- ENERGY STAR® 8.0
 - EPEAT™ Gold Registered
 - RoHS compliant
 - TCO Certified 9.0
- Other Certifications
- TÜV Rheinland® Low Blue Light
- Mil-Spec Test
- MIL-STD-810H military test passed
- ISV Certifications
- Please visit [ISV certifications for Lenovo® Workstations](#)

MODEL

TopSeller	: Yes	Announce Date	: 2024-04-23
EAN / UPC / JAN	: 198153362745	End of Support	: 2030-11-23



Product image is a sample, it may not match the real color of this model

Note:

^[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.

^[2] The system dimensions may vary depending on.....

· Lenovo reserves the right to change specifications without notice.

· California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at

the time of sale of the product. For more information, go to:
<https://www.calrecycle.ca.gov/Electronics/Consumer>

To see more note information, please link to
<https://psref.lenovo.com/Detail/2485?M=21KX0028US>

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 ...

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