

ThinkPad P16v Gen 2 (Intel)

PERFORMANCE

Processor
Intel® Core™ Ultra 7 155H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 4.8GHz, 24MB
AI PC Category
AI-Ready Workstations
NPU
Integrated Intel® AI Boost, up to 11 TOPS
Graphics
NVIDIA® RTX 2000 Ada Generation 8GB GDDR6
Chipset
Intel® 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 96GB (2x 48GB DDR5 SO-DIMM)
Storage
2TB 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" WQUXGA (3840x2400) IPS 800nits Anti-glare, 100% DCI-P3, DisplayHDR™ 400, Dolby Vision®, Eyesafe®, TÜV Low Blue Light
Color Calibration
Factory Color Calibration

Keyboard
Backlit, French
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, French
CONNECTIVITY
Ethernet
100/1000M (RJ-45)
WLAN + Bluetooth^[4]
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3
WWAN
WWAN Upgradable to 4G or 5G
Standard Ports
• 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
• 2x USB-C* (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1
• 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
Optional Ports (configured)
1x Nano-SIM Card Slot
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
Non-vPro®
SERVICE
Base Warranty
3-year, Courier or Carry-in
Included Upgrade
3Y Premier Support Upgrade from 3Y Courier/Carry-In WHB(CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)
CERTIFICATIONS
Green Certifications^[5]
• ENERGY STAR® 8.0
• EPEAT™ Gold Registered
• RoHS compliant
• TCO Certified 9.0
Other Certifications
• Eyesafe® Certified 2.0
• 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 : 0198153189953
End of Support : 2030-11-23
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 configurations.
^[3] 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.
^[4] Wi-Fi 6E full features might be limited by country-level.....
• Lenovo reserves the right to change specifications without notice.
To see more note information, please link to https://psref.lenovo.com/Detail/2485?M=21KX001JFR

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