

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 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	Integrated 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, 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	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
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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
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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	• Eyesafe® Certified 2.0 • TÜV Rheinland® Low Blue Light

Mil-Spec Test	MIL-STD-810H military test passed
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ISV Certifications	Please visit ISV certifications for Lenovo® Workstations
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MODEL

TopSeller	: Yes	Announce Date	: 2024-04-23
EAN / UPC / JAN	: 198153362547	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.

· 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=21KX002FUS>

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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

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	4Y Premier Support Plus upgrade from 3Y Premier Support (5WS1M86981)
BETTER	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39490)
GOOD	4Y Premier Support upgrade from 3Y Premier Support (5WS1H31743)

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

PSREF
Product Specifications
Reference