

ThinkPad P16v Gen 2 (Intel)

PERFORMANCE

Processor	Intel® Core™ Ultra 9 185H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 5.1GHz, 24MB
AI PC Category	AI-Ready Workstations
NPU	Integrated Intel® AI Boost, up to 11 TOPS
Graphics	NVIDIA® RTX 3000 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	1TB 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, Portuguese

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, Portuguese / 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	• 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

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)
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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 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	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	: 2024-07-28
EAN / UPC / JAN	: 0198154997373	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.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

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