ThinkPad P16v Gen 3 (Intel) 21RT001FLM





The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- Intel Core™ Ultra 9 285H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.4GHz, 24MB Intel® Smart Cache
- 1x 32GB SODIMM DDR5-5600 Non-ECC
- 1TB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0
- NVIDIA® RTX PRO 1000 Blackwell Generation 8GB GDDR7 Laptop GPU
- Windows® 11 Pro, Spanish / Mexican Spanish / English
- Case color - Black
- 3Y Onsite upgrade from 1Y Courier/Carry-in Promo LSI eCommerce

Premier Support - A direct 24x7x365 line to our most elite technicians.

- Advanced technical support, 24x7x365, in more than 100 markets
- Comprehensive hardware & OEM software support
- Single point of contact for simplified end-to-end case management
- Technical Account Managers for proactive relationship and escalation management
- Priority on service delivery and repair parts
- 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

Recommended Accessories

Peru



Lenovo 900 Multi-Device Wireless Mouse

GY51V37443



ThinkPad 4-cell 90Wh Li-ion Replacement Battery for P16v G3

4X51U49389



Lenovo USB 20Gbps USB-C to USB-C Cable 1.5m

4X91U92143

>> View More Accessories

Recommended Services

Best

4Y Premier Support for AIPC upgrade from 3Y Onsite (5WS1U94191)

Better

4Y Onsite upgrade from 3Y Onsite (5WS1H31741)

Good

3Y Premier Support for AIPC upgrade from 3Y Onsite (5WS1U94190)

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Lenovo

PERFORMANCE

Processor
Intel Core™ Ultra 9 285H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.4GHz, 24MB Intel® Smart Cache

AI PC Category
AI-Ready Workstations

NPU
Integrated Intel® AI Boost, up to 13 TOPS

Graphics
NVIDIA® RTX PRO 1000 Blackwell Generation 8GB GDDR7 Laptop GPU

Chipset
Intel® SoC Platform

Memory
1x 32GB SODIMM DDR5-5600 Non-ECC

Memory Slots
Two DDR5 SODIMM / CSODIMM slots, dual-channel capable

Max Memory
Up to 96GB (2x 48GB DDR5 CSODIMM)

Storage
1TB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Storage Slot
Two M.2 2280 PCIe® 4.0 x4 slots

Max Storage Support[1]
Up to two M.2 2280 Gen 5 Performance SSD; up to 4TB total, 2TB each

Card Reader
SD Express 7.0 Card Reader

Audio Chip
High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers
Stereo speakers, 2W x2, Dolby Audio™

Microphone
2x, Array

Camera
5.0MP + IR with Privacy Shutter and Human Presence Detection

Battery
90Wh

Power Adapter
140W USB-C® GaN (3-pin)

DESIGN

Display
16" WQUXGA (3840x2400) OLED 400nits Anti-glare / Anti-reflection / Anti-smudge, 100% DCI-P3, 60Hz, Dolby Vision®, Eyesafe®, TÜV Low Blue Light, Touch

Touchscreen
Add-on Film Touch, 10-point Multi-touch

Screen-to-Body Ratio
87.7%

Color Calibration
X-Rite® Factory Color Calibration

Pen
Pen Not Supported

Keyboard
Backlit, Spanish (LA)

Dimensions (WxDxH)[2]
361.5 x 248.6 x 12.8 / 19.55 (front / rear), 26.3 (maximum) mm 14.23 x 9.79 x 0.50 / 0.77 (front / rear), 1.04 (maximum) inches

Weight[3]
Around 2.1 kg (4.6 lbs)

Case Color
Black

Case Material
Aluminium (Top), PC-ABS (Bottom)

SOFTWARE

Operating System
Windows® 11 Pro, Spanish / Mexican Spanish / English

Bundled Software
Lenovo® AI Now + Intel® Connectivity Performance Suite

CONNECTIVITY

WLAN + Bluetooth
Intel® Wi-Fi® 7 BE201, 802.11be 2x2 + BT5.4, vPro®[4]

WWAN
WWAN Not Supported

SIM Card
No physical SIM card included

Ethernet
100/1000M (RJ-45), vPro®

NFC
No NFC

Standard Ports
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x Thunderbolt™ 4, with USB PD 3.1, 140W input / 15W output
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (GbE RJ-45)
- 1x SD Express 7.0 card reader
- 1x Kensington Nano Security Slot™

Docking
Various docking solutions supported via Thunderbolt™ / USB-C®. For more compatible docking solutions, please visit Docking for ThinkPad® P16v Gen 3 (Intel®)

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0 Enabled

Physical Locks
Kensington Nano Security Slot™, 2.5 x 6 mm

Smart Card Reader
No Smart Card Reader

Fingerprint Reader
Touch Style, Match-on-Chip, Integrated in Power Button

Other Security
- Bottom cover tamper detection
- Camera privacy shutter
- Ultrasonic Human Presence Detection for IR camera
- IR camera for Windows® Hello (facial recognition)

MANAGEABILITY

System Management
Intel® vPro® Enterprise

SERVICE

Base Warranty
1-year, Courier or Carry-in

Included Upgrade
3Y Onsite upgrade from 1Y Courier/Carry-in Promo LSI eCommerce

ACCESSORIES

CERTIFICATIONS

ISV Certifications
Please visit ISV certifications for Lenovo® Workstations

Green Certifications
- ENERGY STAR® 9.0
- EPEAT 2.0 Gold Registered
- RoHS compliant
- TCO Certified, generation 10

Mil-Spec Test
MIL-STD-810H military test passed

Other Certifications
- Eyesafe® Certified 2.0
- TÜV Rheinland® Low Blue Light

MODEL

TopSeller	: No	**EAN / UPC / JAN**	: 199276936141
Announce Date	: 2026-05-11	**End of Support**	: 2032-03-28

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- To view full note details, please visit the web page.