# ThinkPad P16v Gen 3 (Intel) 21RS002SCA





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

- Intel Core Ultra 7 255H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.1GHz, 24MB Intel Smart Cache
- 2x 32GB CSODIMM DDR5-6400 Non-ECC
- 1TB SSD M.2 2280 PCIe 5.0x4 Performance NVMe Opal 2.0
- NVIDIA RTX PRO 2000 Blackwell Generation 8GB GDDR7 Laptop GPU
- Windows 11 Pro, French / Canadian French / English
- Case color - Black
- 1Y Premier Support Upgrade from 1Y Courier/Carry-in

## 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

United Kingdom



Lenovo Dual-Mode Wireless ANC Headset 6550 (USB-C, Teams)

4XD1S19778



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



Lenovo 16" Laptop Everyday Backpack B510

4X41U80414



Lenovo 16-inch Premium Clarity Privacy Filter for ThinkBook 16 Gen 4 (16:10)

4XJ1U03940



ThinkPad USB4 Dock 5000

40BF0100UK



ThinkPad Mobile Workstation 140W USB-C GaN Slim AC Adapter-UK

4X21U28822

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## PERFORMANCE

**Processor**
Intel Core™ Ultra 7 255H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.1GHz, 24MB Intel® Smart Cache

**AI PC Category**
AI-Ready Workstations

**NPU**
Integrated Intel® AI Boost, up to 13 TOPS

**Graphics**
NVIDIA® RTX PRO 2000 Blackwell Generation 8GB GDDR7 Laptop GPU

**Chipset**
Intel® SoC Platform

**Memory**
2x 32GB CSODIMM DDR5-6400 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® 5.0x4 Performance 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

**RAID Preset**
None

**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" WUXGA (1920x1200) IPS 500nits Anti-glare, 100% sRGB, 60Hz, Low Power, Eyesafe®, TÜV Low Blue Light

**Screen-to-Body Ratio**
87.7%

**Color Calibration**
AICCP Color Calibration

**Pen**
Pen Not Supported

**Keyboard**
Backlit, Canadian French

**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, French / Canadian French / English

**Bundled Software**
Lenovo® AI Now + ThinkShield Pro (SentinelOne, Sepio, Cigent) 1-year

## CONNECTIVITY

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

**WWAN**
WWAN Not Supported

**SIM Card**
No physical SIM card inbox

**Ethernet**
100/1000M (RJ-45)

**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™ or 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**
Non-vPro®

## SERVICE

**Base Warranty**
1-year, Courier or Carry-in

**Included Upgrade**
1Y Premier Support Upgrade from 1Y Courier/Carry-in

## ACCESSORIES

## CERTIFICATIONS

**ISV Certifications**
Please visit ISV certifications for Lenovo® Workstations

**Green Certifications**
- ENERGY STAR® 9.0
- EPEAT™ 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

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|---|---|---|---|
| **TopSeller** | : Yes | **EAN / UPC / JAN** | : 199272325086 |
| **Announce Date** | : 2025-08-26 | **End of Support** | : 2032-03-28 |

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- Lenovo reserves the right to change specifications without notice. To see more note information, please access the web page.