# ThinkPad P16 Gen 3 21RQ0057MH





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

- Intel Core Ultra 7 255HX, 20C (8P + 12E) / 20T, Max Turbo up to 5.2GHz, 30MB Intel Smart Cache
- 2x 16GB SODIMM DDR5-5600 Non-ECC
- 1TB SSD M.2 2280 PCIe 5.0x4 Performance NVMe Opal 2.0
- NVIDIA RTX PRO 3000 Blackwell Generation 12GB GDDR7 Laptop GPU
- Windows 11 Pro, WE (EN/FR/DE/NL/IT)
- Case color - Black
- 3Y Premier TP WS WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

## 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

Germany



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

4XD1S19778



ThinkPad Thunderbolt 5 Smart Dock 7500 - EU/INA/VIE/ROK

40BA0265EU



Lenovo Professional Wireless Rechargeable Combo Keyboard and Mouse-US Euro

4X31R64351

>> View More Accessories

## Recommended Services

**Best**

5Y Premier Support for AIPC upgrade from 3Y Premier Support (5WS1U94139)

**Better**

4Y Premier Support for AIPC upgrade from 3Y Premier Support (5WS1U94138)

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## PERFORMANCE

### Processor
Intel Core™ Ultra 7 255HX, 20C (8P + 12E) / 20T, Max Turbo up to 5.2GHz, 30MB Intel® Smart Cache

### AI PC Category
AI-Ready Workstations

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

### Graphics
NVIDIA® RTX PRO 3000 Blackwell Generation 12GB GDDR7 Laptop GPU

### Chipset
Intel® WM880 Chipset

### Memory[1]
2x 16GB SODIMM DDR5-5600 Non-ECC

### Memory Slots
Four DDR5 SODIMM slots, dual-channel capable

### Max Memory
- Models with ECC memory: Up to 128GB (4x 32GB SODIMM DDR5-5600 ECC)
- Models with Non-ECC memory: Up to 192GB (4x 48GB SODIMM DDR5-5600 Non-ECC)

### Storage
1TB SSD M.2 2280 PCIe® 5.0x4 Performance NVMe® Opal 2.0

### Storage Slot
Three M.2 slots • One M.2 2280 PCIe® 5.0 x4 slot • Two M.2 2280 PCIe® 4.0 x4 slots

### Max Storage Support[2]
Up to three M.2 2280 Gen 5 Performance SSD; up to 12TB, 4TB each

### RAID Preset
None

### Card Reader
SD Express 8.0 Card Reader

### Audio Chip
SoundWire®, Cirrus Logic® CS42L43 codec

### Speakers
Stereo speakers, 2W x2, Dolby Atmos®

### Microphone
2x, Array

### Camera
5.0MP + IR with Privacy Shutter and Computer Vision Human Presence Detection on ISP

### Battery
99.9Wh

### Power Adapter
180W 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
82%

### Color Calibration
X-Rite® Factory Color Calibration

### Pen
Pen Not Supported

### Keyboard
Backlit, English (EU)

### Dimensions (WxDxH)[3]
362 x 252 x 15.8 / 20.9 (front / rear), 29.8 (maximum) mm 14.25 x 9.92 x 0.62 / 0.82 (front / rear), 1.17 (maximum) inches

### Weight[4]
Starting at 2.54 kg (5.6 lbs)

### Case Color
Black

### Case Material
Aluminium (Top), Aluminium (Bottom)

## SOFTWARE

### Operating System
Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

### Bundled Software
Lenovo® AI Now

## CONNECTIVITY

### WLAN + Bluetooth
Intel® Wi-Fi® 7 BE200, 802.11be 2x2 + BT5.4

### WWAN
WWAN Not Supported

### SIM Card
No physical SIM card inbox

### Ethernet
1x 2.5GbE RJ-45

### NFC
No NFC

### Standard Ports
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 2x Thunderbolt™ 5, with DisplayPort™ 2.1 and USB PD 3.1, 180W input / 15W output
- 1x Thunderbolt™ 4, with DisplayPort™ 2.1 and USB PD 3.1, 180W input / 15W output
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (2.5GbE RJ-45)
- 1x SD Express 8.0 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® P16 Gen 3

## 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
- Camera privacy shutter (camera models)
- Computer Vision-based User Presence Sensing on Image Signal Processor (ISP)

## MANAGEABILITY

### System Management
Non-vPro®

## SERVICE

### Base Warranty
3-year, Courier or Carry-in with 1-year Battery

### Included Upgrade
3Y Premier TP WS WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

## 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** | : 0199276696465 |
| **Announce Date** | : 2026-04-19 | **End of Support** | : 2032-04-09 |

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