ThinkPad P16 Gen 3 21RQ0056MH





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 4.0x4 NVMe Opal 2.0
- NVIDIA RTX PRO 4000 Blackwell Generation 16GB GDDR7 Laptop GPU
- Windows 11 Pro, WE (EN/FR/DE/NL/IT)
- Case color - Black
- CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects), 3Y Premier Support for AIPC upgrade from 3Y 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

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 for AIPC (5WS1U94133)

Better

4Y Premier Support for AIPC upgrade from 3Y Premier Support for AIPC (5WS1U94132)

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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 4000 Blackwell Generation 16GB 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® 4.0x4 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 included

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
CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects), 3Y Premier Support for AIPC upgrade from 3Y 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

TopSeller	: Yes	**EAN / UPC / JAN**	: 0199276696489
Announce Date	: 2026-04-19	**End of Support**	: 2032-04-09

- Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.
- To view full note details, please visit the web page.