ThinkPad P1 Gen 7 21KV0023PB





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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

Poland



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

4XD1S19778



Lenovo 900 Multi-Device Wireless Mouse

GY51V37443



Lenovo Select Targus 16-inch Mobile Elite Backpack

4X41W54716



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

4X91U92143



Lenovo 16" Clarity Privacy Filter

4XJ1U03940



Lenovo PS8S Portable SSD 4TB

4XB1T91892

>> View More Accessories

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PERFORMANCE

Processor
Intel Core™ Ultra 7 165H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 5.0GHz, 24MB Intel® Smart Cache

AI PC Category[1]
AI-Ready Workstations

NPU
Integrated Intel® AI Boost, up to 11 TOPS

Graphics
NVIDIA GeForce RTX™ 4070 8GB GDDR6

Chipset
Intel® SoC Platform

Memory[2]
32GB LPCAMM2 LPDDR5X-7500

Memory Slots
One LPCAMM2 connector, dual-channel

Max Memory
Up to 64GB (1x 64GB LPCAMM2), upgradable

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

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

Max Storage Support[3]
Up to two drives, 2x M.2 SSD • M.2 2280 SSD up to 8TB, 4TB each • RAID 0/1 support

RAID Preset
None

Card Reader
SD 7.0 Card Reader

Audio Chip
High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers
Stereo speakers, 2W x2, Dolby Atmos®

Microphone
2x, Array

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

Battery
90Wh

Power Adapter
170W Slim Tip (3-pin)

DESIGN

Display
16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% sRGB, 165Hz, TÜV Low Blue Light

Touchscreen
None

Color Calibration
Factory Color Calibration

Pen
Pen Not Supported

Keyboard
Backlit, English (EU)

Dimensions (WxDxH)[4]
354.4 x 241.2 x 17.05 mm (13.95 x 9.49 x 0.67 inches)

Weight[5]
Starting at 1.82 kg (4.03 lbs)

Case Color
Black

Case Material
Aluminium (Top), Aluminium (Bottom)

SOFTWARE

Operating System
Windows® 11 Pro, Polish / English

Bundled Software
Intel® Connectivity Performance Suite

CONNECTIVITY

WLAN + Bluetooth
Intel® Wi-Fi® 7 BE200, 802.11be 2x2 + BT5.4, vPro®[6]

WWAN
WWAN Not Supported

SIM Card
No physical SIM card included

Ethernet
No Onboard Ethernet

NFC
No NFC

Standard Ports
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 (135W input) and DisplayPort™ 1.4
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 (135W input) and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 8K/60Hz or 4K/240Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 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® P1 Gen 7

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 (camera models)
- Ultrasonic Human Presence Detection for IR camera
- IR camera for Windows® Hello (facial recognition)

MANAGEABILITY

System Management
Intel® vPro® Enterprise

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

Bundled Accessories
None

CERTIFICATIONS

ISV Certifications
Please visit ISV certifications for Lenovo® Workstations

Green Certifications
- ENERGY STAR® 8.0
- EPEAT Gold Registered
- RoHS compliant
- TCO Certified, generation 10

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

Other Certifications
- Intel Evo™ Platform
- TÜV Rheinland® Low Blue Light

MODEL

TopSeller	: Yes	**EAN / UPC / JAN**	: 0198153490202
Announce Date	: 2024-05-28	**End of Support**	: 2030-12-28

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