ThinkPad P1 Gen 6 21FV000PHV





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

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

Denmark



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

4XD1S19778



ThinkPad Professional 16-inch Backpack Gen 2

4X41M69794



Lenovo Professional Bluetooth Rechargeable Mouse

4Y51J62544



ThinkPad Thunderbolt 4 Workstation Dock - EU/INA/VIE/ROK

40B00300EU



ThinkPad Mobile Workstation Slim 230W AC Adapter (Slim-tip) - EU/INA/VIE/ROK

4X20S56717



Lenovo 16" Clarity Privacy Filter

4XJ1U03940

>> View More Accessories

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

ThinkPad P1 Gen 6 21FV000PHV

PERFORMANCE

Processor
Intel Core™ i7-13800H, 14C (6P + 8E) / 20T, P-core 2.5 / 5.2GHz, E-core 1.8 / 4.0GHz 24MB Intel® Smart Cache

Graphics
NVIDIA® RTX 4000 Ada Generation 12GB GDDR6 ECC

Chipset
Intel® SoC Platform

Memory
2x 32GB SODIMM DDR5-5600 Non-ECC

Memory Slots
Two DDR5 SODIMM slots, dual-channel capable

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

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

Storage Slot
Models with NVIDIA® RTX 3500/4000/5000 Ada or GeForce RTX4060/4080/4090: One M.2 2280 PCIe® 4.0 x4 slot

Max Storage Support[1]
Models with NVIDIA® RTX 3500/4000/5000 Ada or GeForce RTX4060/4080/4090: one drive, up to 4TB M.2 2280 SSD

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
230W Slim Tip (3-pin)

DESIGN

Display
16″ WQUXGA (3840x2400) OLED 400nits Anti-reflection / Anti-smudge, 100% DCI-P3, DisplayHDR™ 400, Dolby Vision®, TÜV Low Blue Light, Touch

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

Color Calibration
Factory Color Calibration

Pen
Pen Not Supported

Keyboard
Backlit, Hungarian

Dimensions (WxDxH)[2]
359.5 x 253.8 x 17.3 mm (14.15 x 9.99 x 0.68 inches)

Weight[3]
Starting at 1.78 kg (3.92 lbs)

Case Color
Black, Weave

Case Material
CFRP / GFRP (top), Aluminium (bottom)

SOFTWARE

Operating System
Windows® 11 Pro, Hungarian / English

Bundled Software
None

CONNECTIVITY

WLAN + Bluetooth
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3

WWAN
Non-WWAN

SIM Card
None

Ethernet
No Onboard Ethernet

NFC
None

Standard Ports
- 2x USB 3.2 Gen 1 (one Always On)
- 2x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD Express 7.0 card reader
- 1x Security keyhole
- 1x Power connector

Optional Ports (configured)
None

Docking
Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit Docking for ThinkPad® P1 Gen 6

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0 Enabled

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

Smart Card Reader
None

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[4]

SERVICE

Base Warranty
3-year, Courier or Carry-in

Included Upgrade
CO2 Offset 0.5 ton, 3Y Premier TP WS WHB (CPN)

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

ISV Certifications
Please visit ISV certifications for Lenovo® Workstations

Green Certifications
- ENERGY STAR® 8.0
- EPEAT™ Gold Registered[5]
- RoHS compliant
- TCO Certified 9.0

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

Other Certifications
TÜV Rheinland® Low Blue Light

MODEL

TopSeller	: Yes	**EAN / UPC / JAN**	: 0197529714256
Announce Date	: 2023-06-06	**End of Support**	: 2030-01-06

Note:
[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[2] The system dimensions may vary depending on configurations.

- 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 see more note information, please access the web page.