ThinkPad P1 Gen 6 21FV002RIX

Lenovo PSREF Product Specifications Reference

PERFORMANCE

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

Graphics
NVIDIA® GeForce RTX™ 4080 12GB GDDR6

Chipset
Intel SoC Platform

Memory
1x 32GB SO-DIMM DDR5-5600 Non-ECC

Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory
Up to 96GB (2x 48GB DDR5 SO-DIMM)

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

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

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

Card Reader
SD 7.0 Card Reader

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

Speakers
Stereo speakers, 2W x2, optimized with Dolby® Atmos®

Camera
FHD 1080p + IR Hybrid with Privacy Shutter and Human Presence Detection

Microphone
2x, Array

Battery
Integrated 90Wh

Power Adapter
230W Slim Tip (3-pin)

DESIGN

Display[2]
16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% sRGB, 165Hz, TÜV Low Blue Light

Color Calibration
Factory Color Calibration

Keyboard
Backlit, Italian

Case Color
Black, Paint

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

Dimensions (WxDxH)[3]
359.5 x 253.8 x 17.5 mm (14.15 x 9.99 x 0.69 inches)

Weight[4]
Starting at 1.86 kg (4.11 lbs)

SOFTWARE

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

CONNECTIVITY

Ethernet
No Onboard Ethernet

WLAN + Bluetooth®[5]
Intel Wi-Fi® 6E AX211, 11ax 2x2 + BT5.1

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

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

Fingerprint Reader
Touch Style, Match-on-Chip, Integrated in Power Button

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

Other Security
- Ultrasonic Human Presence Detection for IR camera
- Camera privacy shutter
- Bottom cover tamper detection
- IR camera for Windows® Hello

MANAGEABILITY

System Management[6]
Intel® vPro® Enterprise

SERVICE

Base Warranty
3-year, Courier or Carry-in

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

CERTIFICATIONS

Green Certifications[7]
- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- TCO Certified 9.0
- RoHS compliant

Other Certifications
TÜV Rheinland® Low Blue Light

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

ISV Certifications
Please visit ISV certifications for Lenovo® Workstations

MODEL

TopSeller	: Yes	Announce Date	: 2023-06-13
EAN / UPC / JAN	: 0197528679969	End of Support	: 2030-01-06

Note:
[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
[3] The system dimensions may vary depending on configurations.
[4] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.
[5] Bluetooth 5.3 is hardware ready but may run at a lower version due to OS limitations.
Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.
[6] Intel vPro offers a superset of DASH's defined capabilities.
[7] EPEAT is registered where applicable, please see.....
· Lenovo reserves the right to change specifications without

notice.
To see more note information, please link to
https://psref.lenovo.com/Detail/2329?M=21FV002RIX

Premier Support - **A direct 24x7x365 line to our most elite technicians.**

- Advanced technical support, 24x7x365, in more than 100 markets
- Technical Account Managers for proactive relationship and escalation management
- Comprehensive hardware & OEM software support
- Priority on service delivery and repair parts
- Single point of contact for simplified end-to-end case management
- 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

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Recommended Accessories



ThinkPad Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

The ThinkPad Hybrid USB-C with USB-A Dock expands the capabilities of most any laptop, new or old, making it perfect for enterprise customers with mixed-PC or shared-desk environments. Featuring enterprise-class manag...

Recommended Services

BEST	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39135)
BETTER	3Y Lenovo Support (KYD + SBTY + International Upg) (5PS1D67026)
GOOD	3Y Accidental Damage Protection Add On (5PS0V07049)

For a full list of accessories and services, please visit:
https://smartfind.Lenovo.com

Lenovo **PSREF**
Product Specifications Reference