# ThinkPad P16v Gen 1 (AMD) 21FE0003FR

PSREF
Product Specifications Reference

## PERFORMANCE

**Processor**
AMD Ryzen™ 7 7840HS (8C / 16T, 3.8 / 5.1GHz, 8MB L2 / 16MB L3)

**Graphics**
NVIDIA® RTX A500 4GB GDDR6

**Chipset**
AMD SoC Platform

**Memory**
1x 16GB SO-DIMM DDR5-5600 Non-ECC

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

**Max Memory**
Up to 64GB (2x 32GB DDR5 SO-DIMM)

**Storage**
512GB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

**Storage Support[1]**
Up to two drives, 2x M.2 SSD
• M.2 2280 SSD up to 4TB, 2TB each

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

**Card Reader**
SD 7.0 Card Reader

**Audio Chip**
High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**
Stereo speakers, 2W x2, Dolby Audio™

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

**Microphone**
2x, Array

**Battery**
Integrated 90Wh

**Power Adapter**
170W Slim Tip (3-pin)

## DESIGN

**Display[2]**
16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC

**Keyboard**
Backlit, French

**Case Color**
Thunder Black

**Case Material**
PC-ABS (Top), PC-ABS (Bottom)

**Pen**
No Support

**Dimensions (WxDxH)[3]**
365 x 262 x 24.66 mm (14.37 x 10.32 x 0.97 inches)

**Weight[4]**
Starting at 2.2 kg (4.85 lbs)

## SOFTWARE

**Operating System**
Windows® 11 Pro, French

## CONNECTIVITY

**Ethernet**
No Onboard Ethernet

**WLAN + Bluetooth®[5]**
Qualcomm® Wi-Fi® 6E NFA725A, 11ax 2x2 + BT5.3

**WWAN**
WWAN Upgradable to 4G

**Standard Ports[6]**
- 2x USB 3.2 Gen 1 (one Always On)
- 2x 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

**Optional Ports (configured)**
1x Nano-SIM Card Slot

**Docking**
Various docking solutions supported via Thunderbolt™ or USB-C®.
For more compatible docking solutions, please visit
Docking for ThinkPad® P16v Gen 1 (AMD)

## SECURITY & PRIVACY

**Security Chip**
Microsoft® Pluton 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**
- IR camera for Windows® Hello (facial recognition)
- Ultrasonic Human Presence Detection for IR camera
- Camera privacy shutter
- Bottom cover tamper detection

## MANAGEABILITY

**System Management**
Non-DASH

## SERVICE

**Base Warranty**
3-year, Courier or Carry-in

**Included Upgrade**
CO2 Offset 0.5 ton, 1Y Premier Support from 3Y Depot Windchill bundles (CPN)

## CERTIFICATIONS

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

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

**ISV Certifications**
Please visit ISV certifications for Lenovo® Workstations

## MODEL

| | | | |
|---|---|---|---|
| TopSeller | : Yes | Announce Date | : 2023-08-22 |
| EAN / UPC / JAN | : 0197528112725 | End of Support | : 2030-02-25 |



Product image is a sample, it may not match the real color of this model

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/2342?M=21FE0003FR

## 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 is a productivity solution for any USB-C or USB-A laptop, including non-Lenovo laptops from Dell, HP, and Apple, providing power, display, and port expansion in any m...



### Lenovo USB-C Mini Dock_US

40AU0065US

Expand Your Potential with An Universal Mini Dock; Lenovo understands that modern business depends on a wide variety of PC's and even brands to meet their business needs. To make this easier Lenovo USB-C Mini dock is ...

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

Lenovo **PSREF**
**Product Specifications Reference**