

PERFORMANCE**Processor**

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

Graphics

NVIDIA® RTX A1000 6GB 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

1TB 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 Hybrid 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 10.31 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

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 SD Express 7.0 card reader
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Security keyhole

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® Pluto 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**

AMD PRO Manageability 2.0

SERVICE**Base Warranty**

3-year, Courier or Carry-in

Included Upgrade

3Y Sealed Battery Add On, 3Y Premier Support Upgrade from 3Y Courier/CCI

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 CertificationsPlease visit [ISV certifications for Lenovo® Workstations](#)**MODEL**

TopSeller : Yes

Announce Date : 2023-09-27

EAN / UPC / JAN : 197532974487

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=21FE0023CA>

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

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...

Recommended Services

BEST	4Y Premier Support Plus upgrade from 3Y Premier Support (5WS1M86981)
BETTER	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39490)
GOOD	4Y Premier Support upgrade from 3Y Premier Support (5WS1H31743)

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



PSREF
Product Specifications
Reference