



PERFORMANCE

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

Graphics
NVIDIA® RTX A500 4GB GDDR6

Chipset
AMD SoC Platform

Memory
1x 32GB SODIMM DDR5-5600 Non-ECC

Memory Slots
Two DDR5 SODIMM slots, dual-channel capable

Max Memory
Up to 64GB (2x 32GB DDR5 SODIMM)

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

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

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

RAID Preset
None

Card Reader
SD 7.0 Card Reader

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

Speakers
Stereo speakers, 2W x2, Dolby Audio™

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^[2]
16'' WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, Touch

Touchscreen
On-cell, 10-point Multi-touch

Color Calibration
None

Pen
Pen Not Supported

Keyboard

Backlit, German

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)

Case Color
Thunder Black

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

SOFTWARE

Operating System
Windows® 11 Pro, German

Bundled Software
None

CONNECTIVITY

WLAN + Bluetooth
Qualcomm® Wi-Fi® 6E NFA725A, 802.11ax 2x2 + BT5.3^[5]

WWAN
WWAN Not Supported

SIM Card
None

Ethernet
No Onboard Ethernet

NFC
None

Standard Ports
• 2x USB 3.2 Gen 1 (one Always On)
• 2x USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)^[6]
• 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)
None

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
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
AMD PRO Manageability 2.0

SERVICE

Base Warranty
3-year, Courier or Carry-in

Included Upgrade
None

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 9.0

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

MODEL

TopSeller : No **EAN / UPC / JAN:** 0199274121631
Announce Date: 2025-12-06 **End of Support** : 2030-02-25

• 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](#).

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

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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



Lenovo Dual-Mode Wireless ANC Headset 6550 (USB-C, Teams) 4XD1S19778



ThinkPad Professional 16-inch Backpack Gen 2 4X41M69794

Please click [here](#) to view the full list of accessories.

Recommended Services

BEST	3Y Premier Support Upgrade from 3Y Courier/Carry-in + 3Y Keep Your Drive Add On + CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects) (5WS1H31725, 5PS1H31776, 5WS1L72255)
BETTER	3Y Premier Support Upgrade from 3Y Courier/Carry-in + 3Y Keep Your Drive Add On (5WS1H31725, 5PS1H31776)
GOOD	3Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS1H31725)



PSREF
Product Specifications
Reference