

PERFORMANCE

Processor
AMD Ryzen™ 7 PRO 7840U (8C / 16T, 3.3 / 5.1GHz, 8MB L2 / 16MB L3)

Graphics
Integrated AMD Radeon™ 780M Graphics

Chipset
AMD SoC Platform

Memory^[1]
16GB Soldered LPDDR5x-7500 Non-ECC

Memory Slots
Memory soldered to systemboard, no slots, dual-channel

Max Memory
Models with 16GB LPDDR5x: 16GB soldered memory, not upgradable

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

Storage Support^[2]
One drive, up to 2TB M.2 2280 SSD

Storage Slot
One M.2 2280 PCIe® 4.0 x4 slot

Card Reader
No 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 86Wh

Power Adapter
65W USB-C® Slim (2-pin)

DESIGN

Display^[3]
16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, Touch

Touchscreen
On-cell, 10-point Multi-touch

Color Calibration
None

Keyboard
Backlit, English

Case Color
Villi Black

Case Material
PC + 20% CF + 50% GF (Top), PPS (Bottom)

Pen
Pen Not Supported

Dimensions (WxDxH)^[4]
361.98 x 255.5 x 20.5 mm (14.25 x 10.06 x 0.81 inches)

Weight^[5]
Starting at 1.70 kg (3.76 lbs)

SOFTWARE

Operating System
Windows® 11 Pro, English

Bundled Software
None

CONNECTIVITY

Ethernet
100/1000M (RJ-45)

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

WWAN
WWAN Upgradable to 4G

SIM Card
None

NFC
None

Standard Ports

- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Security keyhole
- 2x USB 3.2 Gen 1 (one Always On)
- 1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)

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® P16s Gen 2 \(AMD\)](#)

SECURITY & PRIVACY

Smart Card Reader
None

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

- Camera privacy shutter (camera models)
- IR camera for Windows® Hello (facial recognition)
- Ultrasonic Human Presence Detection for IR camera
- Bottom cover tamper detection

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/Carry-in

ACCESSORIES

Bundled Accessories^[7]
None

CERTIFICATIONS

Green Certifications

- 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	: 2024-09-03
EAN / UPC / JAN	: 198155348068	End of Support	: 2030-02-11

· Lenovo reserves the right to change specifications without notice.
· California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>
To see more note information, please link to <https://psref.lenovo.com/Detail/2343?M=21K90039US>

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 Universal USB-C Dock

40AY0090US

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

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