

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

64GB Soldered LPDDR5x-7500 Non-ECC

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Max Memory

Models with 64GB LPDDR5x: 64GB soldered memory, not upgradable

Storage

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

Storage Support^[1]

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 Discrete with Privacy Shutter and Human Presence Detection

Microphone

2x, Array

Battery

Integrated 52.5Wh

Power Adapter

65W USB-C® (3-pin)

DESIGN

Display^[2]

16" WUXGA (1920x1200) IPS 400nits Anti-glare, 100% sRGB, Low Power

Color Calibration

ICC Template Color Calibration

Keyboard

Backlit, German

Case Color

Villi Black

Case Material

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

Dimensions (WxDxH)^[3]

361.98 x 255.5 x 20.5 mm (14.25 x 10.06 x 0.81 inches)

Weight^[4]

Starting at 1.70 kg (3.76 lbs)

SOFTWARE

Operating System

Windows® 11 Pro, German

CONNECTIVITY

Ethernet

100/1000M (RJ-45)

WLAN + Bluetooth^[5]

Qualcomm® Wi-Fi® 6E NFA725A, 11ax 2x2 + BT5.3

WWAN

WWAN Upgradable to 4G

Standard Ports

- 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)
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Security keyhole

Optional Ports (configured)

- 1x Smart Card Reader
- 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

Smart Card Reader

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

AMD PRO Manageability 2.0

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

- ENERGY STAR® 8.0
 - EPEAT™ Gold Registered
 - RoHS compliant
 - TCO Certified 9.0
- ### Other Certifications
- Eyesafe® Certified 2.0
 - 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** : 2024-01-16

EAN / UPC / JAN : 0197530272981 **End of Support** : 2030-02-11

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 reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2343?M=21K9002HGE>