

PERFORMANCE

Processor

AMD Ryzen™ 7 PRO 6850U (8C / 16T, 2.7 / 4.7GHz, 4MB L2 / 16MB L3)

Graphics

Integrated AMD Radeon™ 680M Graphics

Chipset

AMD SoC Platform

Memory

32GB Soldered LPDDR5-6400

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Max Memory

32GB soldered memory, not upgradable

Storage

1TB SSD M.2 2280 PCIe® Gen 4x4 Value NVMe® Opal

Storage Support

One drive, up to 2TB M.2 2280 SSD

Storage Slot

One M.2 2280 PCIe Gen 4x4 slot, supports M.2 2280 SSD

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Dolby® Audio™

Camera

IR & FHD 1080p with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 52.5Wh

Power Adapter

65W USB-C® (3-pin)

DESIGN

Display

16" WUXGA (1920x1200) Low Power IPS 400nits Anti-glare, 100% sRGB, Low Blue Light, TUV Eye Comfort

Touchscreen

None

Color Calibration

ICC Template Color Calibration

Keyboard

Backlit, German

Case Color

Black

Case Material

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

Dimensions (WxDxH)

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

Weight

Models	Weight
Model with black cover	Starting at 1.734 kg (3.82 lbs)
Model with grey cover	Starting at 1.779 kg (3.92 lbs)

SOFTWARE

Operating System

Windows® 11 DG Windows 10 Pro 64, German

Bundled Software

None

CONNECTIVITY

Onboard Ethernet

Integrated 100/1000M, AMD Pro

WLAN + Bluetooth®

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

WWAN

WWAN Upgradable to 4G

SIM Card

None

NFC

None

Standard Ports

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

Optional Ports (configured)

- 1x Smart card reader
- 1x Nano-SIM card slot (WWAN support models)

Docking

Various docking solutions supported via USB-C.

For more compatible docking solutions, please visit [Docking](#)

for [ThinkPad® P16s Gen 1 \(AMD\)](#)

Monitor Cable

None

SECURITY & PRIVACY

Smart Card Reader

Smart Card Reader

Security Chip

Discrete TPM 2.0

Fingerprint Reader

Integrated in Power Button

Physical Locks

Kensington® Nano Security Slot, 2.5 x 6 mm

Other Security

IR camera for Windows® Hello

MANAGEABILITY

System Management

AMD Pro Manageability

SERVICE

Base Warranty

3-year, Depot

Included Upgrade

1Y Premier Support from 3Y Depot Windchill bundles (CPN) (5WS1B68729)

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

- EPEAT™ Gold
- ENERGY STAR® 8.0
- TCO Certified 9.0
- RoHS compliant

Other Certifications

TÜV Rheinland® Eye Comfort Certification

Mil-Spec Test

MIL-STD-810H military test passed

ISV Certifications

Please visit [ISV certifications for Lenovo® Workstations](#)

MODEL

TopSeller	: Yes	Announce Date	: 2022-07-19
EAN / UPC / JAN	: 0196801284852	End of Support	: N/A

• Lenovo reserves the right to change specifications or other product information without notice.
• Product image on this page is a sample, it may not match the real color of this model.
• Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences