

PERFORMANCE

Processor

AMD Ryzen™ AI 9 365 (10C / 20T, 2.0 / 5.0GHz, 10MB L2 / 24MB L3)

AI PC Category

Copilot+ PC

NPU

Integrated AMD Ryzen™ AI, up to 50 TOPS

Graphics

Integrated AMD Radeon™ 880M Graphics

Chipset

AMD SoC Platform

Memory

32GB Soldered LPDDR5x-7500

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Max Memory

32GB soldered memory, not upgradable

Storage

1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Support^[1]

Up to two drives, 2x M.2 SSD
• M.2 2242 SSD up to 1TB

Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

Card Reader

SD Card Reader

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Dolby Atmos®

Camera

FHD 1080p + IR Hybrid with Privacy Shutter, ToF Sensor

Microphone

2x, Array

Battery

Integrated 85Wh

Power Adapter

100W USB-C® Slim (3-pin)

DESIGN

Display^[2]

16" 3.2K (3200x2000) IPS 400nits Anti-glare, 100% DCI-P3, 165Hz, Eyesafe®, Dolby Vision®, TCON

Touchscreen

None

Color Calibration

Factory Color Calibration

Keyboard

Backlit, German

Touchpad

Haptic Touchpad

Case Color

Luna Grey

Surface Treatment

Anodizing Sandblasting

Case Material

Aluminium (Top), Aluminium (Bottom)

Pen

Pen Not Supported

Dimensions (WxDxH)^[3]

356 x 248 x 16.9 mm (14.02 x 9.76 x 0.67 inches)

Weight^[4]

Starting at 1.9 kg (4.19 lbs)

SOFTWARE

Operating System

Windows® 11 Pro, German

Bundled Software

Office Trial

CONNECTIVITY

Ethernet

100/1000M (RJ-45)

WLAN + Bluetooth^[5]

Wi-Fi® 7, 802.11be 2x2 + BT5.4

WWAN

Non-WWAN

Standard Ports

- 1x USB-A (Hi-Speed USB / USB 2.0), hidden
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort™ 1.4
- 1x USB-C® (USB4® 40Gbps with Thunderbolt™ 4 certification), with USB PD 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 SD card reader

Docking

Various docking solutions supported via USB-C®.

For more compatible docking solutions, please visit [Docking for ThinkBook 16 G7+ ASP](#)

SECURITY & PRIVACY

Security Chip

Microsoft® Pluton 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

- IR camera for Windows® Hello (facial recognition)
- Camera privacy shutter

SERVICE

Base Warranty

1-year, Courier or Carry-in

Included Upgrade

None

ACCESSORIES

Bundled Accessories^[6]

None

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- RoHS compliant

Other Certifications

- Eyesafe® Certified 2.0
- TÜV Rheinland® Low Blue Light (Hardware Solution)

Mil-Spec Test

MIL-STD-810H military test passed

MODEL

TopSeller	: No	Announce Date	: 2024-11-01
EAN / UPC / JAN	: 198155680090	End of Support	: 2031-04-05

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 lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

[5] Wi-Fi 7 requires a separate Wi-Fi 7 router and / or other networking devices to meet full WiFi 7 requirements.

Wi-Fi 7 is backwards compatible with prior WiFi standards.

Wi-Fi 7 is available in countries where Wi-Fi 7 is supported.

[6] For more compatible accessory solutions, please visit

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2609?M=21Q50001GE>