

PERFORMANCE

Processor
Intel® Core™ Ultra 9 285H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.4GHz, 24MB

AI PC Category^[1]
Lenovo® AI PC

NPU
Integrated Intel® AI Boost, up to 13 TOPS

Graphics
NVIDIA® GeForce RTX™ 4050 6GB GDDR6

Chipset
Intel® SoC Platform

Memory
32GB Soldered LPDDR5x-7467

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

Max Memory^[2]

- 16GB soldered memory, not upgradable
- 32GB soldered memory, not upgradable

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

Max Storage Support^[3]
One drive, up to 1TB M.2 SSD

Card Reader
None

Optical
None

Audio Chip
High Definition (HD) Audio

Speakers
3Wx2 tweeter + 5Wx2 woofer, JBL®

Camera
5.0MP

Microphone
Dual Microphone

Power Supply
230W 89% Adapter

DESIGN

Display^[4]
27" QHD (2560x1440) IPS 400nits, 99% sRGB, 4 side like, 120Hz

Touchscreen
None

Keyboard
Euterpe Wireless Keyboard, Grey, Russian

Mouse
Wireless Euterpe Mouse, Grey

Expansion Slots
Two M.2 slots (one for WLAN, one for SSD)

Case Color
Luna Grey

System Lighting
Default

Cooler
Default

Stand
AIO Stand

Wireless Charger
None

Pen
Pen Not Supported

Form Factor
AIO (27 inches)

Dimensions (WxDxH)^[5]
613.6 x 235 x 565.5 mm (24.15 x 9.25 x 22.26 inches)

Weight^[6]
Around 9.4 kg (20.72 lbs)

CONNECTIVITY

WLAN + Bluetooth^[7]
Wi-Fi® 7, 802.11be 2x2 + BT5.4

WWAN
Non-WWAN

Ethernet
Integrated 100/1000M

Rear Ports

- 1x USB-C® (USB 10Gbps / 3.2 Gen 2)
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x HDMI®-in 2.1
- 1x HDMI®-out 2.1 TMDS
- 1x Ethernet (RJ-45)
- 1x power connector

Left Ports

- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 integrated in SoC

SERVICE

Base Warranty
1-year, Courier or Carry-in

Included Upgrade
None

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3/7
- REACH
- RoHS compliant

Other Certifications

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

SOFTWARE

Operating System
Windows® 11 Home Single Language, Russian

Bundled Software
None

ACCESSORIES

Bundled Accessories
None

MODEL

TopSeller	: No	Announce Date	: 2025-05-13
EAN / UPC / JAN	: 199271365427	End of Support	: 2031-03-17



Product image is a sample, it may not match the real color of this model
Note:

[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft Copilot key or using Win + C.
[2] The max memory is based on the test results with current Lenovo memory offerings.
[3] The max capacity of each disk type is based on the test.....
· Lenovo reserves the right to change specifications without notice.
To see more note information, please access the [web page](#).

Premium Care - Advanced Support from Real People. Real Fast.



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PC HEALTH CHECK

Free annual PC Health Check that allows our experts to spot issues before you do so they can resolve them quickly and help you avoid PC problems.

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 Services

GOOD

3Y Onsite upgrade from 1Y
Courier/Carry-in (5WS0K78516)

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

Lenovo

PSREF
Product Specifications
Reference