

PERFORMANCE

Processor

Intel® Core™ i5-13450HX, 10C (6P + 4E) / 16T, P-core 2.4 / 4.6GHz, E-core 1.8 / 3.4GHz, 20MB

AI PC Category

AI-Powered Gaming PC

Graphics

NVIDIA® GeForce RTX™ 5050 8GB GDDR7, Boost Clock 1500MHz, TGP 65W, 440 AI TOPS

Chipset

Intel® HM770 Chipset

Memory^[1]

1x 16GB SO-DIMM DDR5-4800

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[2]

Up to 16GB DDR5-4800 offering

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Max Storage Support^{[3][4]}

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

Storage Slot

Two M.2 2242 PCIe® 4.0 x4 slots

Card Reader

None

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, optimized with Nahimic Audio

Camera

HD 720p with E-shutter

Microphone

2x, Array

Battery

60Wh

Power Adapter

135W Slim Tip (3-pin)

Special Features

AI Chip: LA1

DESIGN

Display^[5]

15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz

Touchscreen

None

Screen-to-Body Ratio

88% AAR (active area ratio)

Color Calibration

None

Pen

Pen Not Supported

Keyboard

Non-backlit, German

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 69 x 104 mm (2.72 x 4.09 inches)

Case Color

Luna Grey

Case Material

PC-ABS (Top), PC-ABS (Bottom)

Surface Treatment

Painting

Dimensions (WxDxH)^[6]

361.26 x 255.6 x 22.9-24.8 mm (14.22 x 10.06 x 0.90-0.98 inches)

Weight^[7]

Starting at 2.3 kg (5.07 lbs)

SOFTWARE

Operating System

Windows® 11 Home, German

Bundled Software

Office Trial

CONNECTIVITY

WLAN + Bluetooth®

Wi-Fi® 6, 802.11ax 2x2 + BT5.2

WWAN

Non-WWAN

Ethernet

100/1000M (RJ-45)

Standard Ports^{[8][9]}

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with USB PD 65-100W
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Power connector

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0 Enabled

Fingerprint Reader

None

Other Security

E-shutter

SERVICE

Base Warranty

2-year, Courier or Carry-in

Included Upgrade

<= 3 Months Premium Care

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

- ErP Lot 6/26
- RoHS compliant

MODEL

TopSeller	: No	Announce Date	: 2025-07-25
EAN / UPC / JAN	: 199271866092	End of Support	: 2031-08-31



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

Note:

[1] Installed memory is actually DDR5-5600 but may run as DDR5-4800 due to processor limitation.

[2] The max memory is based on the test results with current Lenovo memory offerings.

[3] The storage capacity supported is based on the test.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please access the [web page](#).

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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
- Technician Installed Customer
- Onsite Support
- Replaceable Unit Service
- International Warranty Upgrade

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PSREF
Product Specifications
Reference