

## 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<sup>[1]</sup>

AI-Powered Gaming PC

### Graphics

NVIDIA® GeForce RTX™ 5050 8GB GDDR7, Boost Clock 2370MHz, TGP 100W, 440 AI TOPS

### Chipset

Intel® HM770 Chipset

### Memory

1x 16GB SO-DIMM DDR5-4800

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

### Max Memory<sup>[2]</sup>

Up to 32GB DDR5-4800 offering

### Storage

1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®

### Max Storage Support<sup>[3]</sup>

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

### Storage Slot

Two M.2 2280 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

5.0MP with E-shutter

### Microphone

2x, Array

### Battery

60Wh

### Power Adapter

170W Slim Tip (3-pin)

### Special Features

AI Chip: LA1

## DESIGN

### Display<sup>[4]</sup>

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

### Touchscreen

None

### Color Calibration

None

### Keyboard

24-Zone RGB Backlit, Czech / Slovak

### Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

### Case Color

Luna Grey

### Surface Treatment

Painting

### Case Material

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

### Pen

Pen Not Supported

### Dimensions (WxDxH)<sup>[5]</sup>

359.86 x 258.7 x 21.9-23.9 mm (14.17 x 10.19 x 0.86-0.94 inches)

### Weight<sup>[6]</sup>

Starting at 2.4 kg (5.29 lbs)

## SOFTWARE

### Operating System

Windows® 11 Home, Czech / Slovak / English

### Bundled Software

Office Trial + Lenovo® AI Now

## CONNECTIVITY

### WLAN + Bluetooth<sup>[7]</sup>

Wi-Fi® 6, 802.11ax 2x2 + BT5.2

### WWAN

Non-WWAN

### Ethernet

100/1000M (RJ-45)

### Standard Ports<sup>[8]</sup>

- 3x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 65-100W and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Power connector

### Docking

Various docking solutions supported via USB-C®. For more compatible docking solutions, please visit [Docking for LOQ™ 15IRX10](#)

## 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

None

## ACCESSORIES

### Bundled Accessories<sup>[9]</sup>

None

## CERTIFICATIONS

### Green Certifications

- ErP Lot 6/26
- RoHS compliant

### Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

## MODEL

<b>TopSeller</b>	: No	<b>Announce Date</b>	: 2025-06-24
<b>EAN / UPC / JAN</b>	: 198158688765	<b>End of Support</b>	: 2031-05-30

Note:

<sup>[1]</sup> AI-Powered Gaming PCs feature Lenovo AI Engine+ and NVIDIA GeForce RTX GPUs to handle AI-driven tasks and deliver exceptional gaming performance.

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

<sup>[3]</sup> The storage capacity supported is based on the test results with current Lenovo storage offerings.

<sup>[4]</sup> IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

<sup>[5]</sup> The system dimensions may vary depending on configurations.

<sup>[6]</sup> 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 access the [web page](#).

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



### REAL PERSON

Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.



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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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## Recommended Accessories



### Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...



### ThinkPad USB3.0 to Ethernet Adapter

4X90S91830

The ThinkPad USB3.0 to Ethernet Adapter is quick and easy way to connect your notebook and desktop to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

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

**Lenovo**

**PSREF**  
Product Specifications  
Reference