

## PERFORMANCE

### Processor

AMD Ryzen™ 5 220 (6C / 12T, 3.2 / 4.9GHz, 6MB L2 / 16MB L3)

### AI PC Category<sup>[1]</sup>

AI-Powered Gaming PC

### NPU

Integrated AMD Ryzen™ AI, up to 16 TOPS

### Graphics

NVIDIA® GeForce RTX™ 5050 8GB GDDR7, Boost Clock 2662MHz, TGP 100W, 440 AI TOPS

### Chipset

AMD SoC Platform

### Memory

1x 16GB SO-DIMM DDR5-5600

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

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

Up to 32GB DDR5-5600 offering

### Storage

512GB 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<sup>[4]</sup>

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>[5]</sup>

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

### Touchscreen

None

### Screen-to-Body Ratio

88% AAR (active area ratio)

### Color Calibration

None

### Pen

Pen Not Supported

### Keyboard

White Backlit, English

### 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

### Case Material

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

### Surface Treatment

Painting

### Dimensions (WxDxH)<sup>[6]</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>[7]</sup>

Starting at 2.4 kg (5.29 lbs)

## SOFTWARE

### Operating System

None

### Bundled Software

None

## CONNECTIVITY

### WLAN + Bluetooth<sup>[8]</sup>

Wi-Fi® 6, 802.11ax 2x2 + BT5.3

### WWAN

Non-WWAN

### Ethernet

100/1000M (RJ-45)

### Standard Ports<sup>[9]</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 or USB-C®. For more compatible docking solutions, please visit [Docking for LOQ™ 15AHP10](#)

## 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

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>	: 2025-07-31
<b>EAN / UPC / JAN</b>	: 198158534031	<b>End of Support</b>	: 2031-06-22

### 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> The 1st SSD slot supports PCIe 4.0 x4 Lanes, while the 2nd SSD slot supports PCIe 4.0 x2 Lanes.

<sup>[5]</sup> IPS (in-plane switching) technology may refer to IPS,.....

· Lenovo reserves the right to change specifications without notice.

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

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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.

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- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- 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...



AMD

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

**Lenovo**

**PSREF**  
Product Specifications  
Reference