

PERFORMANCE**Processor**

AMD Ryzen™ 7 250 (8C / 16T, 3.3 / 5.1GHz, 8MB L2 / 16MB L3)

AI PC CategoryAI-Powered Gaming PC^[1]**NPU**

Integrated AMD Ryzen™ AI, up to 16 TOPS

Graphics

NVIDIA GeForce RTX™ 5060 8GB GDDR7, Boost Clock 2497MHz, TGP 100W, 572 AI TOPS

Chipset

AMD SoC Platform

Memory

1x 24GB SODIMM DDR5-5600

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Max Memory^[2]

Up to 32GB DDR5-5600 offering

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage SlotTwo M.2 2280 PCIe® 4.0 x4 slots^[3]**Max Storage Support^[4]**

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

Optical

None

Card Reader

No Card Reader

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, optimized with Nahimic Audio

Microphone

2x, Array

Camera

5.0MP with E-shutter

Battery

60Wh

Power Adapter

170W Slim Tip (3-pin)

Special Features

AI Chip: LA1

DESIGN**Display**15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz, G-SYNC®^[5]**Touchscreen**

None

Screen-to-Body Ratio

88% AAR (active area ratio)

Color Calibration

No Color Calibration

Pen

Pen Not Supported

Keyboard

White Backlit, Ukrainian

Touchpad

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

Dimensions (WxDxH)^[6]

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

Weight^[7]

Starting at 2.4 kg (5.29 lbs)

Case Color

Luna Grey

Case Material

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

Surface Treatment

Painting

SOFTWARE**Operating System**

None

Bundled Software

None

CONNECTIVITY**WLAN + Bluetooth**

Wi-Fi® 6, 802.11ax 2x2 + BT5.3

WWAN

WWAN Not Supported

Ethernet

100/1000M (RJ-45)

Standard Ports

- 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^[8]
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Slim tip Power connector

DockingVarious 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

No Fingerprint Reader

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

TopSeller : No EAN / UPC / JAN: 199272788287

Announce Date: 2025-08-25 End of Support : 2031-06-22

Note:

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

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

[3] The 1st SSD slot supports PCIe 4.0 x4 Lanes, while the 2nd SSD slot supports PCIe 4.0 x2 Lanes.

[4] The storage capacity supported is based on the test results with current Lenovo storage offerings.

[5] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

[6] The system dimensions may vary depending on configurations.

[7] 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.

[8] Supports Lenovo protocol for 140W charging but requires a unique Lenovo adapter for operation.

- Please refer to the official [Lenovo store website](#) or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.

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

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Recommended Accessories



Lenovo 15.6 Laptop Everyday Backpack
B510-ROW 4X41U80414



Lenovo Legion M220 Wireless RGB Gaming
Mouse GY51U28359

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

Recommended Services

BEST	3Y Onsite upgrade from 2Y Courier/Carry-in (5WS0K75655)
BETTER	3Y Courier/Carry-in upgrade from 2Y Courier/Carry-in (5WS0K75649)

Lenovo

PSREF
Product Specifications
Reference