

PERFORMANCE**Processor**

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

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

None

Graphics

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

Chipset

AMD SoC Platform

Memory

1x 16GB 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

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, optimized with Nahimic Audio

Microphone

2x, Array

Camera

HD 720p 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

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)

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

Non-WWAN

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 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

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

TopSeller : No EAN / UPC / JAN: 198158680202

Announce Date: 2025-07-10 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.

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- Lenovo reserves the right to change specifications without notice.

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- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories

 United Kingdom



Lenovo Legion 17" Gaming Backpack GB800 (Light Gray) GX41U39300



Lenovo Legion M220 Wireless RGB Gaming Mouse GY51U28359



Lenovo 245W AC Adapter (Slim tip)-UK GX21T87706

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

Lenovo

PSREF

Product Specifications
Reference