

**PERFORMANCE****Processor**

Intel® Core i7-14650HX, 16C (8P + 8E) / 24T, P-core 2.2 / 5.2GHz, E-core 1.6 / 3.7GHz, 30MB Intel Smart Cache

**AI PC Category**

AI-Powered Gaming PC<sup>[1]</sup>

**Graphics**

NVIDIA® GeForce RTX™ 4060 8GB GDDR6, Boost Clock 2370MHz, TGP 140W, 233 AI TOPS

**Chipset**

Intel® HM770 Chipset

**Memory**

1x 16GB SODIMM DDR5-5600

**Memory Slots**

Two DDR5 SODIMM slots, dual-channel capable

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

Up to 32GB DDR5-5600 offering

**Storage**

512GB SSD M.2 2280 PCIe® 4.0x4 NVMe®

**Storage Slot**

Two M.2 2280 PCIe® 4.0 x4 slots

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

Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 1TB • M.2 2280 SSD up to 1TB

**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**

FHD 1080p with Privacy Shutter

**Battery**

80Wh

**Power Adapter**

300W Slim Tip (3-pin)

**Special Features**

AI Chip: LA1

**DESIGN****Display<sup>[4]</sup>**

16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% DCI-P3, 240Hz, DisplayHDR™ 400, Dolby Vision®, G-SYNC®, Low Blue Light,

**High Gaming Performance****Touchscreen**

None

**Screen-to-Body Ratio**

92% AAR (active area ratio)

**Color Calibration**

Factory Color Calibration

**Pen**

Pen Not Supported

**Keyboard**

4-Zone RGB Backlit, Italian

**Touchpad**

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

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

363.4 x 261.75 x 21.99-26.95 mm (14.31 x 10.31 x 0.87-1.06 inches)

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

Around 2.5 kg (5.5 lbs)

**Case Color**

Onyx Grey

**Case Material**

Aluminium (Top), PC-ABS (Bottom)

**Surface Treatment**

Anodizing

**SOFTWARE****Operating System**

Windows® 11 Home, Italian / English

**Bundled Software**

Office Trial

**CONNECTIVITY****WLAN + Bluetooth<sup>[7]</sup>**

Wi-Fi® 6E, 802.11ax 2x2 + BT5.2

**WWAN**

WWAN Not Supported

**Ethernet**

100/1000M (RJ-45)

**Standard Ports**

- 1x Slim tip Power connector
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 3x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with Lenovo® PD 140W and DisplayPort™ 1.4
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)

**Docking**

Various docking solutions supported via Thunderbolt™ / USB-C®. For more compatible docking solutions, please visit [Docking for Legion Pro 5 16IRX9](#)

**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**

2Y Premium Care with Onsite upgrade from 2Y Courier/Carry-in, CO2 Offset 1 ton (2nd Generation Carbon Offset Projects)

**ACCESSORIES****Bundled Accessories**

Lenovo® Legion™ Gaming Speed Mouse Pad M

**CERTIFICATIONS****Green Certifications**

- ErP Lot 3
- RoHS compliant

**Other Certifications**

- TÜV Rheinland® High Gaming Performance
- TÜV Rheinland® Low Blue Light (Hardware Solution)

**MODEL**

TopSeller : No

Announce Date: 2024-01-08

EAN / UPC / JAN: 197531617316

End of Support : 2029-11-23

**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 storage capacity supported is based on the test results with current Lenovo storage offerings.

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

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

[6] 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.

[7] Wi-Fi 6 and Wi-Fi 6E full features might be limited by country-level restrictions. 6GHz Wi-Fi 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi 6E, and the regional regulatory certifications & spectrum allocation.

• 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.

## 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.



### HASSLE FREE

'Getting started' and 'how-to' assistance for hardware and software. Easy solutions that are simple to reach - that's how Premium Care delivers you the ideal support experience.

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

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## Recommended Accessories



Lenovo Analog In-Ear Headphones Gen II Bulk Package (20pcs) 4XD1T54899



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



Lenovo Legion M220 Wireless RGB Gaming Mouse GY51U28359

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



**PSREF**  
Product Specifications  
Reference