



PERFORMANCE

**Processor**  
AMD Ryzen™ 9 8940HX (16C / 32T, 2.4 / 5.3GHz, 16MB L2 / 64MB L3)

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

**NPU**  
None

**Graphics**  
NVIDIA® GeForce RTX™ 5070 8GB GDDR7, Boost Clock 2347MHz, TGP 115W, 798 AI TOPS

**Chipset**  
AMD SoC Platform

**Memory**  
2x 16GB SO-DIMM DDR5-5200

**Memory Slots**  
Two DDR5 SO-DIMM slots, dual-channel capable

**Max Memory**<sup>[2]</sup>  
Up to 32GB DDR5-5200 offering

**Storage**  
1TB SSD M.2 2242 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 each

**Optical**  
None

**Card Reader**  
None

**Audio Chip**  
High Definition (HD) Audio, Realtek® ALC3306 codec

**Speakers**  
Stereo speakers, 2W x2, audio by HARMAN, optimized with Nahimic Audio

**Microphone**  
2x, Array

**Camera**  
5.0MP with E-shutter

**Battery**  
80Wh

**Power Adapter**  
245W Slim Tip (3-pin)

**Special Features**  
AI Chip: LA3

DESIGN

Display

16” WQXGA (2560x1600) IPS 500nits Anti-glare, 100% DCI-P3, 240Hz, Dolby Vision®, DisplayHDR™ 400, G-SYNC®, Free-Sync Premium, Low Blue Light, High Gaming Performance<sup>[4]</sup>

**Touchscreen**  
None

**Screen-to-Body Ratio**  
91.7% AAR (active area ratio)

**Color Calibration**  
Factory Color Calibration

**Pen**  
Pen Not Supported

**Keyboard**  
24-Zone RGB Backlit, German

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

**Dimensions (WxDxH)**<sup>[5]</sup>  
364.38 x 268.06 x 21.69-25.95 mm (14.35 x 10.55 x 0.85-1.02 inches)

**Weight**<sup>[6]</sup>  
Around 2.4 kg (5.29 lbs)

**Case Color**  
Eclipse Black

**Case Material**  
Aluminium (Top), PC-ABS (Bottom)

**Surface Treatment**  
Anodizing Sandblasting

SOFTWARE

**Operating System**  
Windows® 11 Home, German

**Bundled Software**  
Office Trial

CONNECTIVITY

**WLAN + Bluetooth**  
Wi-Fi® 6, 802.11ax 2x2 + BT5.2<sup>[7]</sup>

**WWAN**  
Non-WWAN

**Ethernet**  
100/1000M (RJ-45)

**Standard Ports**  
• 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)  
• 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On  
• 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with DisplayPort™ 2.1  
• 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 65-100W and DisplayPort™ 2.1<sup>[8]</sup>  
• 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 Legion Pro 5 16ADR10](#)

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**  
<= 3 Months Premium Care

ACCESSORIES

**Bundled Accessories**  
None

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 **EAN / UPC / JAN:** 199272164036  
**Announce Date:** 2025-07-04 **End of Support** : 2031-05-15

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 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.  
<sup>[7]</sup> Wi-Fi 6 operation is subject to the regulation rules in each country.  
<sup>[8]</sup> Supports Lenovo protocol for 140W charging but requires a unique Lenovo adapter for operation.  
· Lenovo reserves the right to change specifications without notice.

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



**Lenovo Legion M220 Wireless RGB Gaming Mouse** GY51U28359



**Lenovo 245W AC Adapter (Slim tip)-EU** GX21T87702

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



**PSREF**  
Product Specifications  
Reference