

PERFORMANCE

- Processor**
AMD Ryzen™ 9 9955HX (16C / 32T, 2.5 / 5.4GHz, 16MB L2 / 64MB L3)
- AI PC Category**
AI-Powered Gaming PC
- Graphics**
NVIDIA® GeForce RTX™ 5070 8GB GDDR7, Boost Clock 2347MHz, TGP 115W, 798 AI TOPS
- Chipset**
AMD SoC Platform
- Memory**
2x 16GB SO-DIMM DDR5-5600
- Memory Slots**
Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory^[1]**
Up to 32GB DDR5-5600 offering
- Storage**
2x 1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®
- Storage Slot^[2]**
Two M.2 2280 PCIe® 4.0 x4 slots
- Max Storage Support^[3]**
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® 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) OLED 1100nits (peak) / 500nits (typical) Glossy, 100% DCI-P3, 165Hz, DisplayHDR™ True Black 1000, Dolby Vision®, G-SYNC®, Free-Sync Premium, Low Blue Light, High Gaming Performance
- 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)^[4]**
364.38 x 268.06 x 21.69-25.95 mm (14.35 x 10.55 x 0.85-1.02 inches)
- Weight^[5]**
Around 2.3 kg (5.07 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^[6]**
Wi-Fi® 7, 802.11be 2x2 + BT5.4
- WWAN**
Non-WWAN
- Ethernet**
100/1000M (RJ-45)

- Standard Ports^[7]**
- 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
 - 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 16AFR10](#)

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

MODEL

TopSeller	: No	Announce Date	: 2025-09-02
EAN / UPC / JAN	: 199272143253	End of Support	: 2031-08-31

· Lenovo reserves the right to change specifications without notice.
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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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- Technician Installed Customer
- Onsite Support
- 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...



Lenovo Essential USB Mouse

4Y50R20863

The Lenovo Essential USB Mouse is more than your basic mouse. It features an easy plug-and-play connection to PCs with USB cord. The ergonomic full-size design provides comfortable grip for all day comfort. A high-re...

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

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PSREF
Product Specifications
Reference