

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, Belgian
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, Benelux (EN/FR/DE/NL)
Bundled Software Office Trial + Lenovo® AI Now
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

2Y Premium Care with Onsite upgrade from 2Y Courier/Carry-in

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	: 199272746683	End of Support	: 2031-08-31

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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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- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- 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...

Recommended Services

BETTER

3Y Premium Care upgrade from 2Y Premium Care (5WS1C83304)

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

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PSREF
Product Specifications
Reference