



The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- AMD Ryzen 9 9955HX (16C / 32T, 2.5 / 5.4GHz, 16MB L2 / 64MB L3)
- 2x 16GB SODIMM DDR5-5600
- 1TB SSD M.2 2280 PCIe 4.0x4 NVMe
- NVIDIA GeForce RTX 5070 12GB GDDR7, Boost Clock 2347MHz, TGP 115W, 798 AI TOPS
- Windows 11 Home, English
- Case color - Eclipse Black (with 24-Zone RGB Backlit Keyboard)
- 2-year, Courier or Carry-in with 1-year Battery

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.



REAL FAST

Highly trained technicians will provide you real-time solutions, whatever the issue, on your first contact. If needed, our team will schedule an onsite visit for the next business day.



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.



PC HEALTH CHECK

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.

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

Recommended Accessories Germany



Lenovo Legion H320 7.1 Surround Sound Gaming Headset (Aurora Purple)
GXD1W43663



Lenovo 900 Multi-Device Wireless Mouse
GY51V37443



Lenovo 16" Laptop Topload T210 Beige (ECO)
GX41W44768



Lenovo USB 20Gbps USB-C to USB-C Cable 1.5m
4X91U92143



Lenovo Legion 16" 16:10 Laptop Anti-Reflection Screen Protector
GXJ1U61429



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

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PERFORMANCE

Processor

AMD Ryzen™ 9 9955HX (16C / 32T, 2.5 / 5.4GHz, 16MB L2 / 64MB L3)

AI PC Category

AI-Powered Gaming PC^[1]

Graphics

NVIDIA GeForce RTX™ 5070 12GB GDDR7, Boost Clock 2347MHz, TGP 115W, 798 AI TOPS

Chipset

AMD SoC Platform

Memory

2x 16GB SODIMM DDR5-5600

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Max Memory^[2]

Up to 32GB DDR5-5600 offering

Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Storage Slot^[3]

Two M.2 2280 PCIe® 4.0 x4 slots

Max Storage Support^[4]

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

No Card Reader

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 500nits (typical) / 1100nits (peak) Glossy, 100% DCI-P3, 240Hz, DisplayHDR™ True Black 1000, Dolby Vision®, G-SYNC®, Low Blue Light, High Gaming Performance, Flicker Free

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, English (EU)

Touchpad

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

Dimensions (WxDxH)^[5]

364.38 x 268.06 x 21.69-25.95 mm (14.35 x 10.55 x 0.85-1.02 inches)

Weight^[6]

Around 2.3 kg (5.07 lbs)

Case Color

Eclipse Black (with 24-Zone RGB Backlit Keyboard)

Case Material

Aluminium (Top), PC-ABS (Bottom)

Surface Treatment

Anodizing Sandblasting

SOFTWARE

Operating System

Windows® 11 Home, English

Bundled Software

Office Trial + Lenovo® AI Now

CONNECTIVITY

WLAN + Bluetooth

Wi-Fi® 7, 802.11be 2x2 + BT5.4

WWAN

WWAN Not Supported

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^[7]
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Slim tip 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

No Fingerprint Reader

Other Security

E-shutter

SERVICE

Base Warranty

2-year, Courier or Carry-in with 1-year Battery

Included Upgrade

None

ACCESSORIES

Bundled Accessories

Anti-Reflection Screen Protector

CERTIFICATIONS

Green Certifications

- ErP Lot 3
- RoHS compliant
- Other Certifications
 - Pantone® SkinTone™ Validated
 - Pantone® Validated
 - TÜV Rheinland® Flicker Free
 - TÜV Rheinland® High Gaming Performance
 - TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller	: No	EAN / UPC / JAN: 199276719836
Announce Date:	2026-06-15	End of Support : 2031-08-31

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 actual data transfer rate of the following PCIe interface also depends on the capabilities of the connected PCIe device. The listed values represent theoretical maximums. PCIe 3.0 (x2 / x4): 2 GB/s (16 Gbps) / 4 GB/s (32 Gbps); PCIe 4.0 (x2 / x4): 4 GB/s (32 Gbps) / 8 GB/s (64 Gbps); PCIe 5.0 (x2 / x4): 8 GB/s (64 Gbps) / 16 GB/s (128 Gbps).

^[4] The storage capacity supported is based on the test results with current Lenovo storage offerings.

^[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] Supports Lenovo protocol for 140W charging but requires a unique Lenovo adapter for operation.

- 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.