



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

- AMD Ryzen 9 9955HX3D (16C / 32T, 2.5 / 5.4GHz, 16MB L2 / 128MB L3)
- 2x 16GB SODIMM DDR5-5600
- 1TB SSD M.2 2280 PCIe 5.0x4 Performance NVMe
- NVIDIA GeForce RTX 5080 16GB GDDR7, Boost Clock 2287MHz, TGP 175W, 1334 AI TOPS
- Windows 11 Home Single Language, Spanish
- Case color - Eclipse Black
- 1-year, Courier or Carry-in

**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** Mexico



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



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

4X91U92143



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

GXJ1U61429

>> [View More Accessories](#)

**Recommended Services**

Best

4Y Onsite upgrade from 1Y Courier/Carry-in (5WS0W36587)

Better

3Y Onsite upgrade from 1Y Courier/Carry-in (5WS0K76356)

## PERFORMANCE

### Processor

AMD Ryzen™ 9 9955HX3D (16C / 32T, 2.5 / 5.4GHz, 16MB L2 / 128MB L3)

### AI PC Category

AI-Powered Gaming PC

### NPU

None

### Graphics

NVIDIA GeForce RTX™ 5080 16GB GDDR7, Boost Clock 2287MHz, TGP 175W, 1334 AI TOPS

### Chipset

AMD SoC Platform

### Memory

2x 16GB SODIMM DDR5-5600

### Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

### Max Memory<sup>[1]</sup>

Up to 64GB DDR5-5600 offering

### Storage

1TB SSD M.2 2280 PCIe® 5.0x4 Performance NVMe®

### Storage Slot

Two M.2 slots • One M.2 2280 PCIe® 5.0 x4 slot • One M.2 2280 PCIe® 4.0 x4 slot

### Max Storage Support<sup>[2]</sup>

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

### Optical

None

### Card Reader

No Card Reader

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

### Speakers

4 stereo speakers, 2W x2 (woofers), 2W x2 (tweeters), optimized with Nahimic Audio, Smart Amplifier (AMP)

### Microphone

2x, Array

### Camera

5.0MP with E-shutter

### Battery

99.9Wh

### Power Adapter

400W 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

92% AAR (active area ratio)

### Color Calibration

Factory Color Calibration

### Pen

Pen Not Supported

### Keyboard

Per-key RGB Backlit (with Lighting Lens), Spanish (LA)

### Touchpad

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

### Dimensions (WxDxH)<sup>[3]</sup>

364.38 x 275.94 x 21.9-26.65 mm (14.35 x 10.86 x 0.86-1.05 inches)

### Weight<sup>[4]</sup>

Starting at 2.56 kg (5.64 lbs)

### Case Color

Eclipse Black

### Case Material

Aluminium (Top), Aluminium (Bottom)

### Surface Treatment

Anodizing Sandblasting

## SOFTWARE

### Operating System

Windows® 11 Home Single Language, Spanish

### Bundled Software

Office Trial + Lenovo® AI Now

## CONNECTIVITY

### WLAN + Bluetooth

Wi-Fi® 7, 802.11be 2x2 + BT5.4

### WWAN

WWAN Not Supported

### Ethernet

2.5GbE (RJ-45)

### Standard Ports

- 2x USB-A (USB 5Gbps)
- 1x USB-A (USB 10Gbps), Always On
- 1x USB-C® (USB 10Gbps), with USB PD 95-100W and DisplayPort™ 2.1
- 1x USB-C® (USB 10Gbps), with DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (2.5GbE 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 7 16AFR10H](#)

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0 Enabled

### Fingerprint Reader

No Fingerprint Reader

### Other Security

E-shutter

## SERVICE

### Base Warranty

1-year, Courier or Carry-in

### Included Upgrade

None

## ACCESSORIES

### Bundled Accessories

None

## 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** : Yes **EAN / UPC / JAN:** 199272949602  
**Announce Date:** 2025-10-20 **End of Support** : 2031-09-30

### Note:

[1] The max memory is based on the test results with current Lenovo memory offerings.

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

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

[4] 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.

- 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.