

## PERFORMANCE

### Processor

Intel Core™ Ultra 9 275HX, 24C (8P + 16E) / 24T, Max Turbo up to 5.4GHz, 36MB Intel® Smart Cache

### AI PC Category

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

### NPU

Integrated Intel® AI Boost, up to 13 TOPS

### Graphics

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

### Chipset

Intel® HM870 Chipset

### Memory

2x 16GB SODIMM DDR5-5600

### Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

### Max Memory<sup>[2]</sup>

Up to 32GB DDR5-5600 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

SD Card Reader

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

### Speakers

Stereo speakers, 2W x2, audio by HARMAN, optimized with Nahimic Audio, Smart Amplifier (AMP)

### Microphone

2x, Array

### Camera

5.0MP + IR with E-shutter

### Battery

84Wh

### 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

### Color Calibration

Factory Color Calibration

### Pen

Pen Not Supported

### Keyboard

Per-key RGB Backlit, English

### Touchpad

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

### Dimensions (WxDxH)<sup>[4]</sup>

361.7 x 263.4 x 15.9-17.9 mm (14.24 x 10.37 x 0.63-0.70 inches)

### Weight<sup>[5]</sup>

Less than 2.0 kg (4.52 lbs)

### Case Color

Glacier White

### Case Material

Aluminium (Top), Aluminium (Bottom)

### Surface Treatment

Anodize Electrophoresis Deposition

## SOFTWARE

### Operating System

Windows® 11 Home, English

### Bundled Software

Office Trial

## CONNECTIVITY

### WLAN + Bluetooth

Wi-Fi® 7, 802.11be 2x2 + BT5.4

### WWAN

WWAN Not Supported

### Ethernet

No Onboard Ethernet

### Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 95-100W and DisplayPort™ 2.1<sup>[6]</sup>
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 95-100W and DisplayPort™ 2.1<sup>[6]</sup>
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)

- 1x Card reader
- 1x Slim tip Power connector

### Docking

Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit [Docking for Legion 7 16IAX10](#)

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0 Enabled

### Fingerprint Reader

No Fingerprint Reader

### Other Security

- E-shutter
- IR camera for Windows® Hello (facial recognition)

## 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

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

## MODEL

TopSeller : No EAN / UPC / JAN: 198156404787

Announce Date: 2025-05-30 End of Support : 2031-06-12

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> The system dimensions may vary depending on configurations.

<sup>[5]</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>[6]</sup> 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. California Electronic Waste Recycling Fee: In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, visit [www.calrecycle.ca.gov/Electronics/Consumer](http://www.calrecycle.ca.gov/Electronics/Consumer)



### 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.



### 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.



### 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.

## 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

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## Recommended Accessories



Peru



**Lenovo 16" Laptop Everyday Backpack B510**  
4X41U80414



**Lenovo Analog In-Ear Headphones Gen II Bulk Package (20pcs)** 4XD1T54899

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

## Recommended Services

BEST	4Y Onsite upgrade from 1Y Courier/Carry-in (5WS0W36587)
BETTER	3Y Onsite upgrade from 1Y Courier/Carry-in (5WS0K76356)



**PSREF**  
Product Specifications Reference