

## PERFORMANCE

### Processor

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

### AI PC Category<sup>[1]</sup>

AI-Powered Gaming PC

### NPU

Integrated Intel® AI Boost, up to 13 TOPS

### Graphics

NVIDIA® GeForce RTX™ 5070 Ti 12GB GDDR7, Boost Clock 2220MHz, TGP 140W, 992 AI TOPS

### Chipset

Intel® HM870 Chipset

### Memory

2x 16GB SO-DIMM DDR5-5600

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

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

Up to 32GB DDR5-5600 offering

### Storage

2x 1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

### Max Storage Support<sup>[3]</sup>

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

### Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

### Card Reader

None

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

### Speakers

Stereo speakers, 2W x2, audio by HARMAN, optimized with Nahimic Audio

### Camera

5.0MP with E-shutter

### Microphone

2x, Array

### Battery

80Wh

### Power Adapter

300W Slim Tip (3-pin)

### Special Features

AI Chip: LA3

## DESIGN

### Display

16" WQXGA (2560x1600) OLED 500nits Glossy, 100% DCI-P3, 165Hz, DisplayHDR™ True Black 1000, Dolby Vision®, G-SYNC®

### Touchscreen

None

### Color Calibration

Factory Color Calibration

### Keyboard

24-Zone RGB Backlit, Spanish

### Touchpad

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

### Case Color

Eclipse Black

### Surface Treatment

Anodizing Sandblasting

### Case Material

Aluminium (Top), PC-ABS (Bottom)

### Pen

Pen Not Supported

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

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

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

Around 2.42 kg (5.34 lbs)

## SOFTWARE

### Operating System

None

### Bundled Software

None

## CONNECTIVITY

### WLAN + Bluetooth<sup>[6]</sup>

Wi-Fi® 6, 802.11ax 2x2 + BT5.2

### WWAN

Non-WWAN

### Ethernet

100/1000M (RJ-45)

### Standard Ports<sup>[7]</sup>

- 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 USB PD 65-100W and DisplayPort™ 2.1
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with 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 Thunderbolt™ or USB-C®.

For more compatible docking solutions, please visit [Docking for Legion Pro 5 16IAX10H](#)

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0 Enabled

### Fingerprint Reader

None

### Other Security

E-shutter

## SERVICE

### Base Warranty

3-year, Courier or Carry-in

### Included Upgrade

None

## ACCESSORIES

### Bundled Accessories<sup>[8]</sup>

None

## CERTIFICATIONS

### Green Certifications

- ErP Lot 6/26
- 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** : 2025-05-16

**EAN / UPC / JAN** : 198158523318 **End of Support** : 2031-06-22

• Lenovo reserves the right to change specifications without notice.

To see more note information, please access the [web page](#).

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- Replaceable Unit Service
- International Warranty Upgrade

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# Lenovo

**PSREF**  
Product Specifications  
Reference