

PERFORMANCE

Processor

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

AI PC Category^[1]

AI-Powered Gaming PC

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 SO-DIMM DDR5-5600

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[2]

Up to 32GB DDR5-5600 offering

Storage

1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Max Storage Support^[3]

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

Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

Card Reader

SD Card Reader

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

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

Camera

5.0MP + IR with E-shutter

Microphone

2x, Array

Battery

84Wh

Power Adapter

245W Slim Tip (3-pin)

Special Features

AI Chip: LA3

DESIGN

Display

16" WQXGA (2560x1600) OLED 500nits 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

Keyboard

Per-key RGB Backlit, Belgian

Touchpad

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

Case Color

Glacier White

Surface Treatment

Anodize Electrophoresis Deposition

Case Material

Aluminium (Top), Aluminium (Bottom)

Pen

Pen Not Supported

Dimensions (WxDxH)^[4]

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

Weight^[5]

Less than 2.0 kg (4.52 lbs)

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

No Onboard Ethernet

Standard Ports^[7]

- 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 65-100W and DisplayPort™ 2.1
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), 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 Card reader
- 1x 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

None

Other Security

E-shutter

SERVICE

Base Warranty

2-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 **Announce Date** : 2025-06-12

EAN / UPC / JAN : 199271053577 **End of Support** : 2031-06-12

• Lenovo reserves the right to change specifications without notice.

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

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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
- Technician Installed Customer
- Onsite Support
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories



Lenovo USB-C Cable 1m

4X90U90619

The Lenovo USB-C Cable 1m makes it easy to connect your USB-C notebook with other USB-C accessories and displays. It supports 10Gbps data rate, 20V/3A 60W power, and can be used with USB-C Docks, USB-C monitors with 4...



Lenovo USB Soundbar

0A36190

The Lenovo USB Soundbar allows you to add stereo sound to your compatible Lenovo ThinkVision Monitor without having to sacrifice valuable desk space. The stylish Lenovo USB Soundbar is an excellent choice for adding ...

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



PSREF
Product Specifications
Reference