

PERFORMANCE

- Processor

Intel® Core™ Ultra 7 255HX, 20C (8P + 12E) / 20T, Max Turbo up to 5.2GHz, 30MB
- 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

2x 1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®
- Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots
- Max Storage Support^[3]

Up to two drives, 2x M.2 SSD
 - M.2 2242 SSD up to 1TB
 - M.2 2280 SSD up to 1TB
- 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 Glossy, 100% DCI-P3, 165Hz, DisplayHDR™ True Black 1000, Dolby Vision®, G-SYNC®, Low Blue Light, High Gaming Performance, Flicker Free

- Screen-to-Body Ratio

91.7% AAR (active area ratio)
- Color Calibration

Factory Color Calibration
- Pen

Pen Not Supported
- Keyboard

24-Zone RGB Backlit, Nordic (DK/FI/NO/SV)
- Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
- Dimensions (WxDxH)^[4]

364.38 x 268.06 x 21.69-25.95 mm (14.35 x 10.55 x 0.85-1.02 inches)
- Weight^[5]

Around 2.43 kg (5.36 lbs)
- Case Color

Eclipse Black
- Case Material

Aluminium (Top), PC-ABS (Bottom)
- Surface Treatment

Anodizing Sandblasting

SOFTWARE

- Operating System

Windows® 11 Home, Nordic (DK/FI/SV/NO/EN)
- Bundled Software

Office Trial + Lenovo® AI Now

CONNECTIVITY

- WLAN + Bluetooth^[6]

Wi-Fi® 7, 802.11be 2x2 + BT5.4
- WWAN

Non-WWAN
- Ethernet

100/1000M (RJ-45)
- Standard Ports^[7]

- 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 16IAX10](#)

SECURITY & PRIVACY

- Security Chip

Firmware TPM 2.0 Enabled
- Other Security

E-shutter

SERVICE

- Base Warranty

2-year, Courier or Carry-in

CERTIFICATIONS

- Green Certifications

- ENERGY STAR® 8.0
 - 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	: 2025-05-17
EAN / UPC / JAN	: 198157311565	End of Support	: 2031-05-16





Product image is a sample, it may not match the real color of this model · Lenovo reserves the right to change specifications without notice. To see more note information, please access the [web page](#).

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

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Recommended Accessories



Lenovo USB-C 7-in-1 Hub

4X90V55523

Travel - Ready Productivity. One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo USB-C 7-in-1 Hub fits unlimited productivity i...



Lenovo USB-C to Ethernet Adapter

4X90S91831

The Lenovo USB-C to Ethernet Adapter is quick and easy way to connect your USB-C enabled notebook to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

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

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PSREF
Product Specifications
Reference