

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 Ti 12GB GDDR7, Boost Clock 2220MHz, TGP 140W, 992 AI TOPS

Chipset
 Intel® HM870 Chipset

Memory
 2x 16GB CSODIMM DDR5-6400

Memory Slots
 Two DDR5 CSODIMM slots, dual-channel capable

Max Memory^[2]
 Up to 32GB DDR5-6400 offering

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

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 2TB

Storage Slot
 Two M.2 slots

 - One M.2 2280 PCIe® 5.0 x4 slot
 - One M.2 2280 PCIe® 4.0 x4 slot

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)

Camera
 5.0MP with E-shutter

Microphone
 2x, Array

Battery
 99.9Wh

Power Adapter
 400W 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

Color Calibration
 Factory Color Calibration

Keyboard
 Per-key RGB Backlit, Russian

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

Case Color
 Eclipse Black

Surface Treatment
 Anodizing Sandblasting

Case Material
 Aluminium (Top), Aluminium (Bottom)

Pen
 Pen Not Supported

Dimensions (WxDxH)^[4]
 364.38 x 275.94 x 21.9-26.65 mm (14.35 x 10.86 x 0.86-1.05 inches)

Weight^[5]
 Starting at 2.57 kg (5.67 lbs)

SOFTWARE

- Operating System**
 Windows® 11 Home Single Language, Russian

Bundled Software
 Office Trial

CONNECTIVITY

- WLAN + Bluetooth^[6]**
 Wi-Fi® 7, 802.11be 2x2 + BT5.4

WWAN
 Non-WWAN

Ethernet
 2.5GbE (RJ-45)

Standard Ports
 - 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 Thunderbolt™ 4 / USB4® 40Gbps (support data transfer and 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 Power connector

- Docking**
 Various docking solutions supported via Thunderbolt™ or USB-C®.
 For more compatible docking solutions, please visit [Docking for Legion Pro 7 16IAX10H](#)

SECURITY & PRIVACY

- Security Chip**
 Firmware TPM 2.0 Enabled

Other Security
 E-shutter

SERVICE

- Base Warranty**
 2-year, Courier or Carry-in

ACCESSORIES

- Bundled Accessories**
 4 Switchable Keycaps

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	: 2025-04-15
EAN / UPC / JAN	: 198156545756	End of Support	: 2031-04-07





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

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Recommended Accessories



Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...



Lenovo Essential USB Mouse

4Y50R20863

The Lenovo Essential USB Mouse is more than your basic mouse. It features an easy plug-and-play connection to PCs with USB cord. The ergonomic full-size design provides comfortable grip for all day comfort. A high-re...

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

Lenovo

PSREF
Product Specifications
Reference