

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™ 5080 16GB GDDR7, Boost Clock 2287MHz, TGP 175W, 1334 AI TOPS

Chipset
Intel® HM870 Chipset

Memory^[2]
2x 32GB SO-DIMM DDR5-5200

Memory Slots
Four DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[3]
Up to 192GB DDR5-4000 offering

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

Max Storage Support^[4]
Up to four drives, 4x M.2 SSD
• M.2 2280 SSD up to 2TB each

Storage Slot
Four M.2 slots
• One M.2 2280 PCIe® 5.0 x4 slot
• Three 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
6 stereo speakers, 2W x4 (woofers), 2W x2 (tweeters), optimized with Nahimic Audio, Smart Amplifier (AMP)

Camera
5.0MP + 3D IR with E-shutter

Microphone
2x, Array

Battery
99.9Wh

Power Adapter
400W Slim Tip (3-pin)

Special Features
AI Chip: LA3-P

DESIGN

Display^{[5][6]}
18" WQUXGA (3840x2400) IPS 500nits Glossy, 100% DCI-P3, 240Hz / 440Hz, Dolby Vision®, G-SYNC®, DisplayHDR™ 400, 3D display, Low Blue Light, High Gaming Performance

Touchscreen
None

Screen-to-Body Ratio
93.1% AAR (active area ratio)

Color Calibration
Factory Color Calibration

Pen
Pen Not Supported

Keyboard
Per-key RGB Backlit (with Lighting Lens), English (UK)

Touchpad
Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 95 x 150 mm (3.74 x 5.91 inches)

Case Color
Eclipse Black

Case Material
Aluminium + Forged Carbon (Top), Aluminium (Bottom)

Surface Treatment
Forged Carbon (Soft Painted)

Dimensions (WxDxH)^[7]
403 x 296.9 x 23.9-27.95 mm (15.87 x 11.69 x 0.94-1.10 inches)

Weight^[8]
Around 3.75 kg (8.27 lbs)

SOFTWARE

Operating System
Windows® 11 Pro, English

Bundled Software
Office Trial + Adobe® Photoshop Elements 2025 & Premiere Elements 2025 3-year + Lenovo® AI Now

CONNECTIVITY

WLAN + Bluetooth^[9]
Intel® Killer™ Wi-Fi® 7 BE1750x, 802.11be 2x2 + BT5.4

WWAN
Non-WWAN

Ethernet
2.5GbE (RJ-45)

Standard Ports^[10]

- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2)
- 2x USB-C® (Thunderbolt™ 5 / USB4® Version 2 80Gbps), with USB PD 95-100W 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 Card reader
- 1x Power connector

Docking

Various docking solutions supported via Thunderbolt™. For more compatible docking solutions, please visit [Docking for Legion 9 18IAX10](#)

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 Enabled

Fingerprint Reader
None

Other Security
E-shutter

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® High Gaming Performance
- TÜV Rheinland® Low Blue Light (Hardware Solution)
- UL Solutions - Gaming Performance and Comfort (GOLD)

MODEL

TopSeller	: No	Announce Date	: 2025-07-02
EAN / UPC / JAN	: 199271841990	End of Support	: 2031-06-05

• 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.

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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.

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PSREF
Product Specifications
Reference