

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™ 5090 24GB GDDR7, Boost Clock 2160MHz, TGP 175W, 1824 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 + 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 520nits Glossy, 100% DCI-P3, 240Hz / 440Hz , Dolby Vision®, G-SYNC®, DisplayHDR™ 400
Touchscreen
None
Screen-to-Body Ratio
93.1% AAR (active area ratio)
Color Calibration
Factory Color Calibration
Keyboard
Per-key RGB Backlit (with Lighting Lens), Swiss
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
Surface Treatment
Forged Carbon (Soft Painted)
Case Material
Aluminium + Forged Carbon (Top), Aluminium (Bottom)
Pen
Pen Not Supported
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 3.5 kg (7.72 lbs)

SOFTWARE

Operating System
Windows® 11 Pro, Swiss (EN/FR/DE/IT)
Bundled Software
Office Trial

CONNECTIVITY

WLAN + Bluetooth^[9]
Intel® Killer™ Wi-Fi® 7 BE1750x, 802.11be 2x2 + BT.5.4
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
2-year, Courier or Carry-in
Included Upgrade
2Y Premium Care Plus upgrade from 2Y Courier/Carry-in

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** : 2025-08-05
EAN / UPC / JAN : 199272540830 **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](#).

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