

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® + 2TB SSD M.2 2280 PCIe® 4.0x4 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
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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	: 199271841983	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