



The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- Intel Core Ultra 9 275HX, 24C (8P + 16E) / 24T, Max Turbo up to 5.4GHz, 36MB Intel Smart Cache
- 1x 32GB SODIMM DDR5-5200
- 1TB SSD M.2 2280 PCIe 5.0x4 Performance NVMe
- NVIDIA GeForce RTX 5080 16GB GDDR7, Boost Clock 2287MHz, TGP 175W, 1334 AI TOPS
- Windows 11 Home, English
- Case color - Eclipse Black
- 1-year, Courier or Carry-in

**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

**Recommended Accessories** United States of America



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



Lenovo Wired VoIP Headset 5000 (Teams)

4XD1R88995



Lenovo Essential FHD Webcam Gen2

4XC1S15018

>> [View More Accessories](#)

**Recommended Services**

Best

4Y Onsite upgrade from 1Y Courier/Carry-in (5WS0W36587)

Better

3Y Onsite upgrade from 1Y Courier/Carry-in (5WS0K76356)

Good

3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0K76347)

**PERFORMANCE****Processor**

Intel Core™ Ultra 9 275HX, 24C (8P + 16E) / 24T, Max Turbo up to 5.4GHz, 36MB Intel® Smart Cache

**AI PC Category**

AI-Powered Gaming PC<sup>[1]</sup>

**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**

1x 32GB SODIMM DDR5-5200<sup>[2]</sup>

**Memory Slots**

Four DDR5 SODIMM slots, dual-channel capable

**Max Memory<sup>[3]</sup>**

Up to 192GB DDR5-4000 offering

**Storage**

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

**Storage Slot**

Four M.2 slots • One M.2 2280 PCIe® 5.0 x4 slot • Three M.2 2280 PCIe® 4.0 x4 slots

**Max Storage Support<sup>[4]</sup>**

Up to four drives, 4x M.2 SSD • M.2 2280 SSD up to 2TB each

**Optical**

None

**Card Reader**

SD Card Reader

**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)

**Microphone**

2x, Array

**Camera**

5.0MP + IR with E-shutter

**Battery**

99.9Wh

**Power Adapter**

400W Slim Tip (3-pin)

**Special Features**

AI Chip: LA3-P

**DESIGN****Display<sup>[5]</sup>**

18" WQUXGA (3840x2400) IPS 520nits Glossy, 100% DCI-P3, 240Hz / 440Hz, Dolby Vision®, G-SYNC®, DisplayHDR™ 400<sup>[6]</sup>

**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

**Touchpad**

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

**Dimensions (WxDxH)<sup>[7]</sup>**

403 x 296.9 x 23.9-27.95 mm (15.87 x 11.69 x 0.94-1.10 inches)

**Weight<sup>[8]</sup>**

Around 3.5 kg (7.72 lbs)

**Case Color**

Eclipse Black

**Case Material**

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

**Surface Treatment**

Forged Carbon (Soft Painted)

**SOFTWARE****Operating System**

Windows® 11 Home, English

**Bundled Software**

Office Trial + Lenovo® AI Now

**CONNECTIVITY****WLAN + Bluetooth**

Intel® Killer™ Wi-Fi® 7 BE1750x, 802.11be 2x2 + BT5.4

**WWAN**

WWAN Not Supported

**Ethernet**

2.5GbE (RJ-45)

**Standard Ports**

- 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 Thunderbolt™ 5, 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 Slim tip Power connector

**Docking**

Various docking solutions supported via Thunderbolt™ / USB-C®. For more compatible docking solutions, please visit [Docking for Legion 9](#)

**18IAX10****SECURITY & PRIVACY****Security Chip**

Firmware TPM 2.0 Enabled

**Fingerprint Reader**

No Fingerprint Reader

**Other Security**

- E-shutter
- IR camera for Windows® Hello (facial recognition)

**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**

- CQC Portable Artificial Intelligence Computer (AIPC) Highest Graded Evaluation
- Pantone® SkinTone™ Validated
- Pantone® Validated
- TÜV Rheinland® High Gaming Performance
- TÜV Rheinland® Low Blue Light (Hardware Solution)
- UL Solutions - Gaming Performance and Comfort (GOLD)

**MODEL**

**TopSeller** : No **EAN / UPC / JAN:** 199271305287

**Announce Date:** 2025-05-21 **End of Support** : 2031-06-05

**Note:**

[1] AI-Powered Gaming PCs feature Lenovo AI Engine+ and NVIDIA GeForce RTX GPUs to handle AI-driven tasks and deliver exceptional gaming performance.

[2] The memory overclock needs to be manually enabled in the BIOS, and no more than two memory sticks should be installed.

[3] The max memory is based on the test results with current Lenovo memory offerings.

- Please refer to the official [Lenovo store website](#) or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.
  - California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>
- To view full note details, please visit the [web page](#).