

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^[1]

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

2x 32GB SODIMM DDR5-5200

Memory Slots

Four DDR5 SODIMM slots, dual-channel capable

Max Memory^[2]

Up to 192GB DDR5-4000 offering

Storage

2TB 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^[3]

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^[4]

18" WQUXGA (3840x2400) IPS 520nits Glossy, 100% DCI-P3, 240Hz / 440Hz, Dolby Vision®, G-SYNC®, DisplayHDR™ 400^[5]

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), Bulgarian

Touchpad

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

Dimensions (WxDxH)^[6]

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

Weight^[7]

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

None

Bundled Software

None

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^[8]
- 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™. 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

2-year, Courier or Carry-in

Included Upgrade

3Y Courier/Carry in from 2Y Courier/Carry in (CPN)

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

• ErP Lot 3

• RoHS compliant

Other Certifications

• CQC Portable Artificial Intelligence Computer (AIPC) Highest Graded Evaluation

• 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: 199274189570

Announce Date: 2025-12-08 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 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. To see more note information, please access the [web page](#).

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- Replaceable Unit Service
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Recommended Accessories

 Bulgaria



Lenovo 350 Bluetooth Silent Mouse (Fan Edition - Argentina) GY51U71763



Lenovo Analog In-Ear Headphones Gen II Bulk Package (20pcs) 4XD1T54899



Lenovo Legion 400W AC adapter (Slim Tip)-EU GX21T68202

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

Lenovo

PSREF

Product Specifications Reference