



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™ 5070 8GB GDDR7, Boost Clock 2347MHz, TGP 115W, 798 AI TOPS
Chipset Intel® HM870 Chipset
Memory 2x 16GB SODIMM DDR5-5600
Memory Slots Two DDR5 SODIMM slots, dual-channel capable
Max Memory ^[2] Up to 32GB DDR5-5600 offering
Storage 1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®
Storage Slot Two M.2 2280 PCIe® 4.0 x4 slots
Max Storage Support ^[3] Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 1TB each
Optical None
Card Reader SD Card Reader
Audio Chip High Definition (HD) Audio, Realtek® ALC3306 codec
Speakers Stereo speakers, 2W x2, audio by HARMAN, optimized with Nahimic Audio, Smart Amplifier (AMP)
Microphone 2x, Array
Camera 5.0MP + IR with E-shutter
Battery 84Wh
Power Adapter 245W Slim Tip (3-pin)
Special Features AI Chip: LA3

DESIGN

Display

16” WQXGA (2560x1600) OLED 500nits (typical) / 1100nits (peak) Glossy, 100% DCI-P3, 240Hz, DisplayHDR™ True Black 1000, Dolby Vision®, G-SYNC®, Low Blue Light, High Gaming Performance, Flicker Free
Touchscreen None
Color Calibration Factory Color Calibration
Pen Pen Not Supported
Keyboard Per-key RGB Backlit, Russian
Touchpad Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
Dimensions (WxDxH) ^[4] 361.7 x 263.4 x 15.9-17.9 mm (14.24 x 10.37 x 0.63-0.70 inches)
Weight ^[5] Less than 2.0 kg (4.52 lbs)
Case Color Glacier White
Case Material Aluminium (Top), Aluminium (Bottom)
Surface Treatment Anodize Electrophoresis Deposition
SOFTWARE
Operating System None
Bundled Software None
CONNECTIVITY
WLAN + Bluetooth Wi-Fi® 7, 802.11be 2x2 + BT5.4
WWAN WWAN Not Supported
Ethernet No Onboard Ethernet
Standard Ports
•1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
•1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
•1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 95-100W and DisplayPort™ 2.1 ^[6]
•1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 95-100W and DisplayPort™ 2.1 ^[6]
•1x HDMI® 2.1, up to 8K/60Hz
•1x Headphone / microphone combo jack (3.5mm)

•1x Card reader
•1x Slim tip Power connector
Docking Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit Docking for Legion 7 16IAX10
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 None
ACCESSORIES
Bundled Accessories None
CERTIFICATIONS
Green Certifications
•ErP Lot 3
•RoHS compliant
Other Certifications
•TÜV Rheinland® Flicker Free
•TÜV Rheinland® High Gaming Performance
•TÜV Rheinland® Low Blue Light (Hardware Solution)
MODEL
TopSeller : No EAN / UPC / JAN: 199271736630
Announce Date: 2025-06-03 End of Support : 2031-06-12
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.
^[3] The storage capacity supported is based on the test results with current Lenovo storage offerings.
^[4] The system dimensions may vary depending on configurations.
^[5] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.
^[6] Supports Lenovo protocol for 140W charging but requires a unique Lenovo adapter for operation.

• 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.

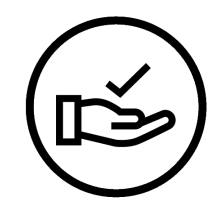
• Lenovo reserves the right to change specifications without notice.

Premium Care - Advanced Support from Real People. Real Fast.



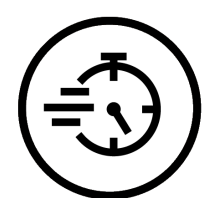
REAL PERSON

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‘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.



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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

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Recommended Accessories



United States of America



Lenovo Self-Charging Bluetooth Keyboard-French Canadian 058 4Y41R69498



Lenovo Wired VoIP Headset 5000 4XD1R88995



Lenovo Essential FHD Webcam Gen2 4XC1S15018

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

Lenovo

PSREF

Product Specifications
Reference