

PERFORMANCE

Processor

Intel® Core i7-13650HX, 14C (6P + 8E) / 20T, P-core 2.6 / 4.9GHz, E-core 1.9 / 3.6GHz, 24MB

AI PC Category

AI-Powered Gaming PC^[1]

NPU

None

Graphics

NVIDIA® GeForce RTX™ 5050 8GB GDDR7, Boost Clock 2662MHz, TGP 115W, 440 AI TOPS

Chipset

Intel® HM770 Chipset

Memory

1x 16GB SO-DIMM DDR5-4800

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[2]

Up to 32GB DDR5-4800 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

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, audio by HARMAN, optimized with Nahimic Audio

Microphone

2x, Array

Camera

HD 720p with E-shutter

Battery

80Wh

Power Adapter

245W Slim Tip (3-pin)

Special Features

AI Chip: LA1

DESIGN

Display

15.3" WUXGA (1920x1200) IPS 300nits Anti-glare, 100% sRGB, 165Hz, Dolby Vision®, G-SYNC®^[4]

Touchscreen

None

Screen-to-Body Ratio

IPS models: 90.9% AAR (active area ratio)

Color Calibration

Factory Color Calibration

Pen

Pen Not Supported

Keyboard

White Backlit, Bulgarian

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

Dimensions (WxDxH)^[5]

344.9 x 255.35 x 22.50-23.99 mm (13.58 x 10.05 x 0.89-0.94 inches)

Weight^[6]

Starting at 2.1 kg (4.63 lbs)

Case Color

Eclipse Black

Case Material

PC-ABS + 15% Talc (Top), PC-ABS + 15% Talc (Bottom)

Surface Treatment

Painting

SOFTWARE

Operating System

None

Bundled Software

None

CONNECTIVITY

WLAN + Bluetooth

Wi-Fi® 6, 802.11ax 2x2 + BT5.2^[7]

WWAN

Non-WWAN

Ethernet

100/1000M (RJ-45)

Standard Ports

- 2x 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 65-100W and DisplayPort™ 2.1^[8]
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)

- 1x Power connector

Docking

Various docking solutions supported via USB-C®. For more compatible docking solutions, please visit [Docking for Legion 5 15IRX10](#)

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 6/26
- RoHS compliant

Other Certifications

TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller : No EAN / UPC / JAN: 199272542568

Announce Date: 2025-08-05 End of Support : 2057-02-07

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] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
- ^[5] The system dimensions may vary depending on configurations.
- ^[6] 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.
- ^[7] Wi-Fi 6 operation is subject to the regulation rules in each country.
- ^[8] Supports Lenovo protocol for 140W charging but requires a unique Lenovo adapter for operation.
- Lenovo reserves the right to change specifications without notice.

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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.

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Warranty Extensions & Upgrades - Service and protection that’s right for your circumstances.

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- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories



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.



PSREF
Product Specifications
Reference