

PERFORMANCE

**Processor**  
 Intel® Core™ Ultra 7 255HX, 20C (8P + 12E) / 20T, Max Turbo up to 5.2GHz, 30MB

**AI PC Category**  
 AI-Powered Gaming PC

**NPU**  
 Integrated Intel® AI Boost, up to 13 TOPS

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

**Chipset**  
 Intel® HM870 Chipset

**Memory**  
 1x 16GB SO-DIMM DDR5-5600

**Memory Slots**  
 Two DDR5 SO-DIMM slots, dual-channel capable

**Max Memory<sup>[1]</sup>**  
 Up to 32GB DDR5-5600 offering

**Storage**  
 512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

**Storage Slot**  
 Two M.2 2280 PCIe® 4.0 x4 slots

**Max Storage Support<sup>[2]</sup>**  
 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**  
 5.0MP with E-shutter

**Battery**  
 80Wh

**Power Adapter**  
 245W Slim Tip (3-pin)

**Special Features**  
 AI Chip: LA3

DESIGN

**Display**  
 15.1" WQXGA (2560x1600) OLED 1000nits (peak) / 500nits (typical) glossy, 100% DCI-P3, 165Hz, Dolby Vision®, DisplayHDR™ True Black 600

**Touchscreen**  
 None

**Screen-to-Body Ratio**  
 OLED models: 90% AAR (active area ratio)

**Color Calibration**  
 Factory Color Calibration

**Pen**  
 Pen Not Supported

**Keyboard**  
 24-Zone RGB Backlit, Russian

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

**Dimensions (WxDxH)<sup>[3]</sup>**  
 344.9 x 255.35 x 19.95-21.54 mm (13.58 x 10.05 x 0.79- 0.85 inches)

**Weight<sup>[4]</sup>**  
 Starting at 1.9 kg (4.19 lbs)

**Case Color**  
 Eclipse Black

**Case Material**  
 Aluminium (Top), PC-ABS (Bottom)

**Surface Treatment**  
 Aluminium Stamping (Anodized with Sandblasting)

**SOFTWARE**

**Operating System**  
 None

**Bundled Software**  
 None

**CONNECTIVITY**

**WLAN + Bluetooth<sup>[5]</sup>**  
 Wi-Fi® 7, 802.11be 2x2 + BT5.4

**WWAN**  
 Non-WWAN

**Ethernet**  
 100/1000M (RJ-45)

**Standard Ports<sup>[6]</sup>**

- 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
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with DisplayPort™ 2.1
- 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 Thunderbolt™ or USB-C®.  
 For more compatible docking solutions, please visit [Docking for Legion 5 15IAX10](#)

**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® Low Blue Light (Hardware Solution)

**MODEL**

TopSeller

: No

Announce Date

: 2025-06-24

EAN / UPC / JAN

: 198156539502

End of Support

: 2031-07-09

· Lenovo reserves the right to change specifications without notice.  
 To see more note information, please access the [web page](#).

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### REAL PERSON

Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.



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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.



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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.



### 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

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## Recommended Accessories



### Lenovo USB-C to Ethernet Adapter

4X90S91831

The Lenovo USB-C to Ethernet Adapter is quick and easy way to connect your USB-C enabled notebook to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.



### 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...

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



**PSREF**  
Product Specifications  
Reference