

PERFORMANCE

- Processor**  
Intel® Core™ i5-12450HX, 8C (4P + 4E) / 12T, P-core up to 4.4GHz, E-core up to 3.1GHz, 12MB
- AI PC Category**<sup>[1]</sup>  
AI-Powered Gaming PC
- Graphics**  
NVIDIA® GeForce RTX™ 4050 6GB GDDR6, Boost Clock 2370MHz, TGP 105W
- Chipset**  
Intel® HM670 Chipset
- Memory**  
2x 12GB SO-DIMM DDR5-4800
- Memory Slots**  
Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory**<sup>[2]</sup>  
Up to 32GB DDR5-4800
- Storage**  
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®
- Storage Support**<sup>[3]</sup>  
Up to two drives, 2x M.2 SSD  
• M.2 2242 SSD up to 1TB each
- Storage Slot**  
Two M.2 2280 PCIe® 4.0 x4 slots
- Card Reader**  
None
- Optical**  
None
- Audio Chip**  
High Definition (HD) Audio, Realtek® ALC3287 codec
- Speakers**  
Stereo speakers, 2W x2, optimized with Nahimic Audio
- Camera**  
HD 720p with E-shutter
- Microphone**  
2x, Array
- Battery**  
60Wh
- Power Adapter**  
170W Slim Tip (3-pin)
- Special Features**  
AI Chip: LA1

DESIGN

- Display**<sup>[4]</sup>  
15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz, G-SYNC®

- Touchscreen**  
None
- Color Calibration**  
None
- Keyboard**  
White Backlit, Slovenian
- Touchpad**  
Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
- Case Color**  
Luna Grey
- Surface Treatment**  
Painting
- Case Material**  
PC-ABS (Top), PC-ABS (Bottom)
- Pen**  
Pen Not Supported
- Dimensions (WxDxH)**<sup>[5]</sup>  
359.86 x 258.7 x 21.9-23.9 mm (14.17 x 10.19 x 0.86-0.94 inches)
- Weight**<sup>[6]</sup>  
Starting at 2.38 kg (5.25 lbs)

SOFTWARE

- Operating System**  
None
- Bundled Software**  
None

CONNECTIVITY

- WLAN + Bluetooth**<sup>[7]</sup>  
Wi-Fi® 6, 802.11ax 2x2 + BT5.2
- WWAN**  
Non-WWAN
- Ethernet**  
Integrated 100/1000M
- Standard Ports**
- 3x USB-A (USB 5Gbps / USB 3.2 Gen 1)
  - 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with Lenovo® PD 140W and 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 LOQ™ 15IAX9](#)

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® Low Blue Light (Software Solution)
- Mil-Spec Test**  
MIL-STD-810H military test passed

MODEL

<b>TopSeller</b>	: No	<b>Announce Date</b>	: 2024-06-26
<b>EAN / UPC / JAN</b>	: 198154663698	<b>End of Support</b>	: 2029-12-22

Product image is a sample, it may not match the real color of this model

Note:  
[1] AI-Powered Gaming PCs feature Lenovo AI Engine+ and.....  
· Lenovo reserves the right to change specifications without notice.  
To see more note information, please link to <https://psref.lenovo.com/Detail/2441?M=83GS00HCYA>

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

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## Recommended Accessories



### Lenovo Powered USB-C Travel Hub

4X90S92381

Travel-Ready Productivity Powerhouse; One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo Powered USB-C Travel Hub fits unlimited...



### Lenovo Essential USB Mouse

4Y50R20863

The Lenovo Essential USB Mouse is more than your basic mouse. It features an easy plug-and-play connection to PCs with USB cord. The ergonomic full-size design provides comfortable grip for all day comfort. A high-re...

For a full list of accessories and services, please visit:  
<https://smartfind.Lenovo.com>

**Lenovo**

**PSREF**  
Product Specifications  
Reference