

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
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^[1]
Up to 32GB DDR5-4800
- Storage
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®
- Storage Support^[2]
Up to two drives, 2x M.2 SSD
• M.2 2242 SSD up to 1TB
- 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
Integrated 60Wh
- Power Adapter
170W Slim Tip (3-pin)
- Special Features
AI Chip: LA1

DESIGN

- Display^[3]
15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz, G-SYNC®

- Touchscreen
None
- Color Calibration
None
- Keyboard
White Backlit, Russian
- 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)^[4]
359.86 x 258.7 x 21.9-23.9 mm (14.17 x 10.19 x 0.86-0.94 inches)
- Weight^[5]
Starting at 2.38 kg (5.25 lbs)

SOFTWARE

- Operating System
None
- Bundled Software
None

CONNECTIVITY

- Ethernet
Integrated 100/1000M
- WLAN + Bluetooth^[6]
Wi-Fi® 6, 802.11ax 2x2 + BT5.2
- WWAN
Non-WWAN
- Standard Ports
 - 1x HDMI® 2.1, up to 8K/60Hz
 - 1x Headphone / microphone combo jack (3.5mm)
 - 1x Ethernet (RJ-45)
 - 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 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^[7]
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

TopSeller	: No	Announce Date	: 2024-04-09
EAN / UPC / JAN	: 198153838646	End of Support	: 2029-12-22

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

Note:

[1] Maximum memory is only to test technical readiness of.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2441?M=83GS00ELRK>

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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 a USB cable. The ergonomic full-size design provides comfortable grip for all day comfort. A high...

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

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PSREF
Product Specifications
Reference