

LOQ 15IRH8

PERFORMANCE

- Processor**
Intel® Core™ i5-12450H, 8C (4P + 4E) / 12T, P-core 2.0 / 4.4GHz, E-core 1.5 / 3.3GHz, 12MB
- Graphics**
NVIDIA® GeForce RTX™ 4050 6GB GDDR6, Boost Clock 2370MHz, TGP 95W
- Chipset**
Intel® SoC Platform
- Memory^[1]**
2x 8GB SO-DIMM DDR5-4800
- Memory Slots**
Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory^[2]**
Up to 32GB DDR5-4800
- Storage**
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®
- Storage Support^[3]**
Up to two drives, 2x M.2 SSD
• M.2 2242 SSD up to 1TB each
- Storage Slot**
Two M.2 slots
• One M.2 2242 PCIe® 4.0 x4 slot
• One M.2 2280 PCIe® 4.0 x4 slot
- Card Reader**
None
- Optical**
None
- Audio Chip**
High Definition (HD) Audio, Realtek® ALC3287 codec
- Speakers**
Stereo speakers, 2W x2, optimized with Nahimic Gaming 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^{[4][5]}**
15.6" FHD (1920x1080) IPS 350nits Anti-glare, 45% NTSC, 144Hz, G-SYNC®

- Touchscreen**
None
- Color Calibration**
None
- Keyboard**
White Backlit, English
- Touchpad**
Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
- Case Color**
Storm Grey
- Surface Treatment**
Painting
- Case Material**
PC-ABS (Top), PC-ABS (Bottom)
- Pen**
Pen Not Supported
- Dimensions (WxDxH)^[6]**
359.6 x 264.8 x 22.1-25.2 mm (14.16 x 10.43 x 0.87-0.99 inches)
- Weight^[7]**
Starting at 2.4 kg (5.29 lbs)

SOFTWARE

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

CONNECTIVITY

- Ethernet**
100/1000M (RJ-45)
- WLAN + Bluetooth^[8]**
Wi-Fi® 6, 802.11ax 2x2 + BT5.2
- WWAN**
Non-WWAN
- Standard Ports**
 - 1x USB 3.2 Gen 1
 - 2x USB 3.2 Gen 2
 - 1x USB-C® 3.2 Gen 2 (support data transfer, Lenovo® Power Delivery 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™ 15IRH8](#)

PSREF

Product Specifications
Reference

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^[9]**
None

CERTIFICATIONS

- Green Certifications**
 - ErP Lot 3
 - RoHS compliant
- Mil-Spec Test**
MIL-STD-810H military test passed

MODEL

TopSeller	: Yes	Announce Date	: 2023-04-19
EAN / UPC / JAN	: 197529885888	End of Support	: 2029-04-17



intel

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

Note:
^[1] Installed memory is actually DDR5-5600 but may run as DDR5-4800 due to processor limitation.
^[2] 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/2301?M=82XV00ENRM>

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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.

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.

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

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Recommended Accessories

ThinkPad Universal USB-C Dock

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

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...

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

PSREF
Product Specifications
Reference