

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 8GB SO-DIMM DDR5-4800
- Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory^[1]
Up to 32GB DDR5-4800
- Storage
1TB 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, Spanish (LA)
- 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
Windows® 11 Home Single Language, Spanish
- Bundled Software
Office Trial

CONNECTIVITY

- Ethernet
Integrated 100/1000M
- WLAN + Bluetooth®^[6]
Wi-Fi® 6, 802.11ax 2x2 + BT5.2
- WWAN
Non-WWAN
- 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
1-year, Courier or Carry-in
- Included Upgrade
None

ACCESSORIES

- Bundled Accessories^[7]
Lenovo® LOQ M100 RGB Mouse

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	: Yes	Announce Date	: 2024-02-20
EAN / UPC / JAN	: 198153197439	End of Support	: 2029-12-22



Premium Care - Advanced Support from Real People. Real Fast.



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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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'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 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...

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

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PSREF
Product Specifications
Reference