LOQ 15IRH8 82XV005SCL

Lenovo PSREF Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i7-13620H, 10C (6P + 4E) / 16T, P-core 2.4 / 4.9GHz, E-core 1.8 / 3.6GHz, 24MB

Graphics
NVIDIA® GeForce RTX™ 4060 8GB GDDR6, Boost Clock 2370MHz, TGP 115W

Chipset
Intel SoC Platform

Memory
2x 8GB SO-DIMM DDR5-5200

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

Max Memory[1]
Up to 16GB DDR5-5200 offering

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 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
FHD 1080p with E-shutter

Microphone
2x, Array

Battery
Integrated 60Wh

Power Adapter
170W Slim Tip (3-pin)

Special Features
AI Chip: LA1

DESIGN

Display[3][4]
15.6" FHD (1920x1080) IPS 350nits Anti-glare, 45% NTSC, 144Hz, G-SYNC®

Touchscreen
None

Color Calibration
None

Keyboard
4-Zone RGB Backlit, Spanish (LA)

Case Color
Storm Grey

Surface Treatment
Painting

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

Dimensions (WxDxH)[5]
359.6 x 264.8 x 22.1-25.2 mm (14.16 x 10.43 x 0.87-0.99 inches)

Weight[6]
Starting at 2.4 kg (5.29 lbs)

SOFTWARE

Operating System
Windows® 11 Home Single Language, Spanish

Bundled Software
Office Trial

CONNECTIVITY

Ethernet
100/1000M (RJ-45)

WLAN + Bluetooth®[7][8]
Wi-Fi® 6, 11ax 2x2 + BT5.1

Standard Ports
- 1x Ethernet (RJ-45)
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector
- 1x USB 3.2 Gen 1
- 1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 140W and DisplayPort™ 1.4)
- 2x USB 3.2 Gen 2

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
Lenovo® LOQ M100 RGB Mouse

CERTIFICATIONS

Green Certifications
- ErP Lot 3
- RoHS compliant

MODEL

TopSeller	: No	**Announce Date**	: 2023-04-19
EAN / UPC / JAN	: 196804494685	**End of Support**	: 2029-04-17



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

Note:
[1] The max memory is based on the test results with current Lenovo memory offerings.
[2] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[3] MUX-switch function support.
[4] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
[5] The system dimensions may vary depending on.....
· Lenovo reserves the right to change specifications without notice.
To see more note information, please link to
https://psref.lenovo.com/Detail/2301?M=82XV005SCL

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

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Recommended Accessories



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...

Recommended Services

BETTER	3Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in (5WS0T73714)
GOOD	3Y Onsite upgrade from 1Y Courier/Carry-in (5WS0K75648)

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

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