LOQ 15APH8 82XT001FSB





The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- AMD Ryzen 7 7840HS (8C / 16T, 3.8 / 5.1GHz, 8MB L2 / 16MB L3)
- 2x 8GB SO-DIMM DDR5-5600
- 512GB SSD M.2 2242 PCIe 4.0x4 NVMe
- NVIDIA GeForce RTX 4050 6GB GDDR6, Boost Clock 2370MHz, TGP 95W
- Windows 11 Home, Traditional Chinese / Simplified Chinese / English
- Case color - Storm Grey
- 2Y Premium Care -IPENTRY (ESS)

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

Recommended Accessories

United Kingdom



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



Lenovo 16" Laptop Everyday Backpack B510

4X41U80414



Lenovo Analog In-Ear Headphones Gen II Bulk Package (20pcs)

4XD1T54899



Lenovo PS8S Portable SSD 4TB

4XB1T91892



Lenovo 310 FHD Webcam Black

GXC1S15024



Lenovo Portable Aluminum Laptop Stand

4XF1B03657

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PERFORMANCE

Processor
AMD Ryzen™ 7 7840HS (8C / 16T, 3.8 / 5.1GHz, 8MB L2 / 16MB L3)

Graphics
NVIDIA GeForce RTX™ 4050 6GB GDDR6, Boost Clock 2370MHz, TGP 95W

Chipset
AMD SoC Platform

Memory
2x 8GB SO-DIMM DDR5-5600

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

Max Memory[1]
Up to 32GB DDR5-5600

Storage
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Slot
Two M.2 slots • One M.2 2242 PCIe® 4.0 x4 slot • One M.2 2280 PCIe® 4.0 x4 slot

Max Storage Support[2]
Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 1TB each

Optical
None

Card Reader
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers
Stereo speakers, 2W x2, optimized with Nahimic Gaming Audio

Microphone
2x, Array

Camera
FHD 1080p with E-shutter

Battery
60Wh

Power Adapter
170W Slim Tip (3-pin)

Special Features
AI Chip: LA1

DESIGN

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

Touchscreen
None

Color Calibration
None

Pen
Pen Not Supported

Keyboard
4-Zone RGB Backlit, English

Touchpad
Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

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)

Case Color
Storm Grey

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

Surface Treatment
Painting

SOFTWARE

Operating System
Windows® 11 Home, Traditional Chinese / Simplified Chinese / English

Bundled Software
Office Trial

CONNECTIVITY

WLAN + Bluetooth[7]
Wi-Fi® 6, 802.11ax 2x2 + BT5.2

WWAN
Non-WWAN

Ethernet
100/1000M (RJ-45)

Standard Ports
- 1x USB 2.0
- 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™ 15APH8

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
2Y Premium Care -IPENTRY (ESS)

ACCESSORIES

Bundled Accessories
Lenovo® LOQ™ M100 RGB Mouse

CERTIFICATIONS

Green Certifications
- ErP Lot 6/26
- RoHS compliant

Mil-Spec Test
MIL-STD-810H military test passed

MODEL

TopSeller	: No	**EAN / UPC / JAN**	: 196804081830
Announce Date	: 2023-04-30	**End of Support**	: 2029-05-10

Note:
[1] Maximum memory is only to test technical readiness of notebook. Available memory to sell would vary.
[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 configurations.
[6] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.
[7] Wi-Fi 6 full features might be limited by country-level restrictions.

- Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.