



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

- Intel Core i5-13450HX, 10C (6P + 4E) / 16T, P-core 2.4 / 4.6GHz, E-core 1.8 / 3.4GHz, 20MB Intel Smart Cache
- 2x 8GB SODIMM DDR5-4800
- 512GB SSD M.2 2242 PCIe 4.0x4 NVMe
- NVIDIA GeForce RTX 3050 6GB GDDR6, Boost Clock 1732MHz, TGP 95W, 142 AI TOPS
- Windows 11 Home Single Language, Portuguese (Brazil)
- Case color - Luna Grey
- 1Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in

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 Brazil



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



Lenovo Legion 17" Gaming Backpack GB800 (Light Gray)

GX41U39300



Lenovo Wired VoIP Headset 5000 (Teams)

4XD1R88995



Lenovo 310 FHD Webcam Black

GXC1S15024



Lenovo PS8 Portable SSD 4TB

GXB1M24162



Lenovo 2-in-1 Laptop Stand

4XF1A19885

>> [View More Accessories](#)

PERFORMANCE**Processor**

Intel Core™ i5-13450HX, 10C (6P + 4E) / 16T, P-core 2.4 / 4.6GHz, E-core 1.8 / 3.4GHz, 20MB Intel® Smart Cache

AI PC Category

AI-Powered Gaming PC

Graphics

NVIDIA GeForce RTX™ 3050 6GB GDDR6, Boost Clock 1732MHz, TGP 95W, 142 AI TOPS

Chipset

Intel® HM770 Chipset

Memory

2x 8GB SODIMM DDR5-4800

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Max Memory^[1]

Up to 32GB DDR5-4800

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

Max Storage Support^[2]

Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 1TB each

Optical

None

Card Reader

No Card Reader

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, optimized with Nahimic Audio

Microphone

2x, Array

Camera

FHD 1080p with E-shutter

Battery

60Wh

Power Adapter

170W Slim Tip (3-pin)^[3]

Special Features

AI Chip: LA1

DESIGN**Display^[4]**

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

Touchscreen

None

Screen-to-Body Ratio

88% AAR (active area ratio)

Color Calibration

No Color Calibration

Pen

Pen Not Supported

Keyboard

White Backlit, Portuguese (BR)

Touchpad

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

Dimensions (WxDxH)^[5]

359.86 x 258.7 x 21.9-23.9 mm (14.17 x 10.19 x 0.86-0.94 inches)

Weight^[6]

Starting at 2.38 kg (5.25 lbs)

Case Color

Luna Grey

Case Material

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

Surface Treatment

Painting

SOFTWARE**Operating System**

Windows® 11 Home Single Language, Portuguese (Brazil)

Bundled Software

Office Trial

CONNECTIVITY**WLAN + Bluetooth**

Wi-Fi® 6, 802.11ax 2x2 + BT5.2

WWAN

WWAN Not Supported

Ethernet

100/1000M (RJ-45)

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 Slim tip Power connector

Docking

Various docking solutions supported via USB-C®. For more compatible docking solutions, please visit [Docking for LOQ™ 15IRX9](#)

SECURITY & PRIVACY**Security Chip**

Firmware TPM 2.0 Enabled

Fingerprint Reader

No Fingerprint Reader

Other Security

E-shutter

SERVICE**Base Warranty**

1-year, Courier or Carry-in

Included Upgrade

1Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in

ACCESSORIES**Bundled Accessories**

None

CERTIFICATIONS**Green Certifications**

- ErP Lot 3
- RoHS compliant

Mil-Spec Test

MIL-STD-810H military test passed

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

MODEL

TopSeller : Yes **EAN / UPC / JAN:** 198154252083

Announce Date: 2024-08-16 **End of Support** : 2030-05-18

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] BIOS settings can be optimized to boost system overall performance on 170W AC adapter systems (power from battery + AC adapter will be combined to increase system TGP temporarily).

[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.

- 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.