

PERFORMANCE

- Processor**
Intel Core™ i5-12450HX, 8C (4P + 4E) / 12T, P-core up to 4.4GHz, E-core up to 3.1GHz, 12MB Intel® Smart Cache
- Graphics**
NVIDIA GeForce RTX™ 3050 6GB GDDR6, Boost Clock 1432MHz, TGP 65W, 142 AI TOPS
- Chipset**
Intel® HM670 Chipset
- Memory^[1]**
1x 16GB SODIMM DDR5-4800
- Memory Slots**
One DDR5 SODIMM slot
- Max Memory**
Up to 32GB DDR5-4800
- Storage**
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®
- Storage Slot**
Two M.2 2242 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**
3-in-1 Card Reader
- Audio Chip**
High Definition (HD) Audio, Realtek® ALC3287 codec
- Speakers**
Stereo speakers, 2W x2, optimized with Nahimic Audio
- Microphone**
2x, Array
- Camera**
HD 720p with Privacy Shutter
- Battery**
57Wh
- Power Adapter**
135W Slim Tip (3-pin)

DESIGN

- Display**
15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz^[3]
- 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), 69 x 104 mm (2.72 x 4.09 inches)

Dimensions (WxDxH)^[4]

359.3 x 236 x 19.9-22.95 mm (14.15 x 9.29 x 0.78-0.90 inches)

Weight^[5]

Starting at 1.77 kg (3.9 lbs)

Case Color

Luna Grey

Case Material

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

Surface Treatment

IMR (In-Mold Decoration by Roller)

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

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), data transfer only
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Card reader
- 1x Slim tip Power connector

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0 Enabled

Fingerprint Reader

No Fingerprint Reader

Other Security

Camera privacy shutter

SERVICE

Base Warranty

No Base Warranty

Included Upgrade

1Y SBTY from O base (ESS), 1Y Premium Care with Onsite upgrade

from O base (ESS)

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

- ErP Lot 6/26
- RoHS compliant

MODEL

TopSeller : Yes

Announce Date: 2025-01-02

EAN / UPC / JAN: 198155495441

End of Support : 2031-02-01



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 depending on the memory support capability of processor.
 - [2] The storage capacity supported is based on the test results with current Lenovo storage offerings.
 - [3] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
 - [4] The system dimensions may vary depending on configurations.
 - [5] 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.

