



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

- Intel Core i5-12450HX, 8C (4P + 4E) / 12T, P-core up to 4.4GHz, E-core up to 3.1GHz, 12MB Intel Smart Cache
- 1x 16GB SODIMM DDR5-4800
- 512GB SSD M.2 2242 PCIe 4.0x4 NVMe
- NVIDIA GeForce RTX 4050 6GB GDDR6, Boost Clock 2145MHz, TGP 65W, 194 AI TOPS
- Windows 11 Home, English
- Case color - Luna Grey
- 1-year, Courier or 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 United States of America



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



Lenovo Wired VoIP Headset 5000 (Teams)

4XD1R88995



Lenovo Essential FHD Webcam Gen2

4XC1S15018

>> [View More Accessories](#)

Recommended Services

Best

3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0K75663)

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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™ 4050 6GB GDDR6, Boost Clock 2145MHz, TGP 65W, 194 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

Non-backlit, English

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, English

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

1-year, Courier or Carry-in

Included Upgrade

None

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

- ErP Lot 6/26
- RoHS compliant

MODEL

TopSeller : No EAN / UPC / JAN: 199271755044

Announce Date: 2025-06-03 End of Support : 2030-10-28



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.

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 - California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>