

PERFORMANCE

Processor

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

Graphics

NVIDIA® GeForce RTX™ 4050 6GB GDDR6, Boost Clock 2370MHz, TGP 105W

Chipset

Intel HM770 Chipset

Memory

1x 12GB SO-DIMM DDR5-4800

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[1]

Up to 32GB DDR5-4800

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 2280 PCIe 4.0 x4 slots

Card Reader

None

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, optimized with Nahimic Audio

Camera

HD 720p with E-shutter

Microphone

2x, Array

Battery

Integrated 60Wh

Power Adapter

170W Slim Tip (3-pin)

Special Features

AI Chip: LA1

DESIGN

Display^[3]

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

Touchscreen

None

Color Calibration

None

Keyboard

White Backlit, English (US)

Touchpad

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

Case Color

Luna Grey

Surface Treatment

Painting

Case Material

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

Dimensions (WxDxH)^[4]

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

Weight^[5]

Starting at 2.38 kg (5.25 lbs)

SOFTWARE

Operating System

Windows® 11 Home, English

Bundled Software

Office Trial

CONNECTIVITY

Ethernet

Integrated 100/1000M

WLAN + Bluetooth^[6]

Wi-Fi® 6, 11ax 2x2 + BT5.2

Standard Ports

- 3x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with 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 Power connector

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^[7]

None

CERTIFICATIONS

Green Certifications

- ErP Lot 3
- RoHS compliant

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

MODEL

TopSeller	: No	Announce Date	: 2024-02-02
EAN / UPC / JAN	: 197530812675	End of Support	: 2029-12-13

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] IPS (in-plane switching) technology may refer to IPS,.....

· Lenovo reserves the right to change specifications without notice.
 · 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>

To see more note information, please link to
<https://psref.lenovo.com/Detail/2371?M=83DV00H9US>

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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

Recommended Accessories



Lenovo Powered USB-C Travel Hub

4X90S92381

Travel-Ready Productivity Powerhouse; One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo Powered USB-C Travel Hub fits unlimited...

Recommended Services

BEST	3Y Premium Care Plus upgrade from 1Y Courier/Carry-in (5WS1J38620)
BETTER	3Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in (5WS0T73714)
GOOD	3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0K75663)

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

Lenovo

PSREF
Product Specifications
Reference