

PERFORMANCE

Processor

Intel® Core™ i5-13420H, 8C (4P + 4E) / 12T, P-core up to 4.6GHz, E-core up to 3.4GHz, 12MB

Graphics

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

Chipset

Intel SoC Platform

Memory

2x 8GB SO-DIMM DDR5-5200

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory

Up to 16GB DDR5-5200 offering

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Support

Up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 1TB

Storage Slot

Two M.2 slots

- One M.2 2242 PCIe 4.0 x4 slot
- One M.2 2280 PCIe 4.0 x4 slot

Card Reader

None

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

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

Camera

FHD 1080p with E-shutter

Microphone

2x, Array

Battery

Integrated 60Wh

Max Battery Life

MobileMark® 2018: 5.32 hr

Local video (1080p) playback@150nits: 4.72 hr

Power Adapter

170W Slim Tip (3-pin)

Special Features

AI Chip: LA1

DESIGN

Display

15.6" FHD (1920x1080) IPS 350nits Anti-glare, 45% NTSC, 144Hz, G-SYNC®

Touchscreen

None

Color Calibration

None

Keyboard

White Backlit, German

Case Color

Storm Grey

Surface Treatment

Painting

Case Material

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

Dimensions (WxDxH)

359.6 x 264.8 x 22.1-25.2 mm (14.16 x 10.43 x 0.87-0.99 inches)

Weight

Starting at 2.4 kg (5.29 lbs)

SOFTWARE

Operating System

None

Bundled Software

None

CONNECTIVITY

Ethernet

100/1000M (RJ-45)

WLAN + Bluetooth®

Wi-Fi® 6, 11ax 2x2 + BT5.1

Standard Ports

- 1x USB 3.2 Gen 1
- 2x USB 3.2 Gen 2
- 1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 140W and DisplayPort™ 1.4)
- 1x HDMI®, up to 8K/60Hz
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0

Fingerprint Reader

None

Other Security

E-shutter

SERVICE

Base Warranty

2-year, Courier or Carry-in

Included Upgrade

<= 3 Months Premium Care (5WS1E19595)

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

- ErP Lot 3
- RoHS compliant

MODEL

TopSeller : Yes

Announce Date : 2023-01-18

EAN / UPC / JAN : 196804165363

End of Support : 2029-04-17



intel

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
- Technician Installed Customer
- Onsite Support
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories



Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...



Lenovo Essential USB Mouse

4Y50R20863

The Lenovo Essential USB Mouse is more than your basic mouse. It features an easy plug-and-play connection to PCs with a USB cable. The ergonomic full-size design provides comfortable grip for all day comfort. A high...

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

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Product Specifications
Reference