

PERFORMANCE

Processor

Intel Core™ i5-12450H, 8C (4P + 4E) / 12T, P-core 2.0 / 4.4GHz, E-core 1.5 / 3.3GHz, 12MB Intel® Smart Cache

Graphics

Integrated Intel® UHD Graphics

Chipset

Intel® SoC Platform

Memory

16GB Soldered LPDDR5-4800

Memory Slots

Memory soldered to systemboard, no slots, dual-channel (16GB models)

Max Memory

16GB soldered memory, not upgradable

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Slot

One M.2 PCIe® 4.0 x4 slot

Max Storage Support^[1]

One drive, up to 1TB M.2 2242 SSD

Optical

None

Card Reader

SD Card Reader

Audio Chip

High Definition (HD) Audio

Speakers

User-facing stereo speakers, 1.5W x2, optimized with Dolby Audio™

Microphone

2x, Array

Camera

HD 720p with Privacy Shutter

Battery

47Wh

Power Adapter

65W Round Tip (3-pin)

DESIGN

Display

15.6" FHD (1920x1080) TN 250nits Anti-glare

Touchscreen

None

Screen-to-Body Ratio

88% AAR (active area ratio)

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)^[2]

359.3 x 235 x 17.9 mm (14.15 x 9.25 x 0.70 inches)

Weight^[3]

Starting at 1.62 kg (3.57 lbs)

Case Color

Arctic Grey

Case Material

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

Surface Treatment

IMR (In-Mold Decoration by Roller)

SOFTWARE

Operating System

None

Bundled Software

None

CONNECTIVITY

WLAN + Bluetooth

Wi-Fi® 6, 802.11ax 2x2 + BT5.2

WWAN

WWAN Not Supported

Ethernet

No Onboard Ethernet

Standard Ports

- 2x USB 3.2 Gen 1
- 1x USB-C® 3.2 Gen 1 (support data transfer, Power Delivery and DisplayPort™ 1.2)
- 1x HDMI® 1.4
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Card reader
- 1x Round tip power connector

Docking

Various docking solutions supported via USB-C®. For more compatible docking solutions, please visit [Docking for IdeaPad® Slim 3 15IAH8](#)

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0 Enabled

Fingerprint Reader

No Fingerprint Reader

Other Security

Camera privacy shutter

SERVICE

Base Warranty

2-year, Courier or Carry-in

Included Upgrade

None

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

- ErP Lot 6/26
- RoHS compliant

Mil-Spec Test

MIL-STD-810H military test passed (21 test items)

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

MODEL

TopSeller : No EAN / UPC / JAN: 198153952717

Announce Date: 2024-04-18 End of Support : 2029-07-26

Note:

[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.

[2] The system dimensions may vary depending on configurations.

[3] 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.

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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

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Recommended Accessories

 United States of America



Lenovo Self-Charging Bluetooth Keyboard-French Canadian 058 4Y41R69498



Lenovo Wired VoIP Headset 5000 (Teams) 4XD1R88995



Lenovo Essential FHD Webcam Gen2 4XC1S15018

Please click [here](#) to view the full list of accessories.

Lenovo

PSREF
Product Specifications
Reference