

## PERFORMANCE

### Processor

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

### 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

1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®

### Storage Support<sup>[1]</sup>

One drive, up to 1TB M.2 2242 SSD or 1TB M.2 2280 SSD

### Storage Slot

One M.2 2280 PCIe 4.0 x4 slot

### Card Reader

microSD Card Reader

### Optical

None

### Audio Chip

High Definition (HD) Audio

### Speakers

Stereo speakers, 2W x2, optimized with Dolby® Audio™

### Camera

FHD 1080p + IR with Privacy Shutter, ToF Sensor

### Microphone

2x, Array

### Battery<sup>[2]</sup>

Integrated 56.6Wh

### Power Adapter

65W USB-C® (3-pin)

## DESIGN

### Display<sup>[3]</sup>

16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, TÜV Low Blue Light

### Touchscreen

None

### Keyboard

Backlit, German

### Case Color

Cloud Grey

### Surface Treatment

Aluminium Stamping (Anodized with Sandblasting)

### Case Material

Aluminium (Top), Aluminium (Bottom)

### Dimensions (WxDxH)<sup>[4]</sup>

356 x 251 x 16.9 mm (14.02 x 9.88 x 0.67 inches)

### Weight<sup>[5]</sup>

Starting at 1.89 kg (4.17 lbs)

## SOFTWARE

### Operating System

Windows® 11 Home, German

### Bundled Software

Office Trial

## CONNECTIVITY

### Ethernet

No Onboard Ethernet

### WLAN + Bluetooth<sup>[6][7]</sup>

Wi-Fi® 6E, 11ax 2x2 + BT5.1

### Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 2x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x HDMI® 1.4b
- 1x microSD card reader
- 1x Headphone / microphone combo jack (3.5mm)

### Monitor Cable

None

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0 Enabled

### Fingerprint Reader

None

### Other Security

- Camera privacy shutter
- IR camera for Windows Hello

## SERVICE

### Base Warranty

2-year, Courier or Carry-in

### Included Upgrade

<= 3 Months Premium Care

## ACCESSORIES

### Bundled Accessories

None

## CERTIFICATIONS

### Green Certifications<sup>[8]</sup>

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 6
- ErP Lot 26
- RoHS compliant

### Other Certifications

- TÜV Rheinland® Low Blue Light (Software Solution)
- TÜV Rheinland Flicker Free

### Mil-Spec Test

MIL-STD-810H military test passed (20 test items)

## MODEL

**TopSeller** : Yes **Announce Date** : 2023-06-23

**EAN / UPC / JAN** : 197528852744 **End of Support** : 2029-06-14



Product image is a sample, it may not match the real color of this model  
Note:

<sup>[1]</sup> The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.

<sup>[2]</sup> Rapid Charge Boost is only effective in hibernates or fully shutting down the computer.

<sup>[3]</sup> IPS (in-plane switching) technology may refer to IPS,.....  
· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2282?M=83BG0044GE>

## 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

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## Recommended Accessories



### ThinkPad Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

The ThinkPad Hybrid USB-C with USB-A Dock expands the capabilities of most any laptop, new or old, making it perfect for enterprise customers with mixed-PC or shared-desk environments. Featuring enterprise-class manag...



### Lenovo USB-C Mini Dock\_US

40AU0065US

Expand Your Potential with An Universal Mini Dock; Lenovo understands that modern business depends on a wide variety of PC's and even brands to meet their business needs. To make this easier Lenovo USB-C Mini dock is ...

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

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PSREF  
Product Specifications  
Reference