

## PERFORMANCE

### Processor

AMD Ryzen™ 5 7640HS (6C / 12T, 4.3 / 5.0GHz, 6MB L2 / 16MB L3)

### Graphics

NVIDIA® GeForce RTX™ 3050 6GB GDDR6, Boost Clock 1732MHz, TGP 95W

### Chipset

AMD SoC Platform

### Memory

16GB Soldered LPDDR5x-6400

### Memory Slots

Memory soldered to systemboard, no slots

### Max Memory

16GB soldered memory, not upgradable

### Storage

512GB SSD M.2 2280 PCIe® 4.0x4 NVMe®

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

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 1TB

### Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

### Card Reader

4-in-1 Card Reader

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

### Speakers

Stereo speakers, 2W x2, Nahimic Audio

### Camera

FHD 1080p with E-shutter

### Microphone

2x, Array

### Battery

Integrated 73.6Wh

### Power Adapter

170W Slim Tip (3-pin)

### Special Features

Legion Coldfront 5.0 cooling system

## DESIGN

### Display

14.5" WQXGA+ (2880x1800) OLED 400nits Glossy, 100% DCI-P3, 120Hz, DisplayHDR™ True Black 500, Dolby® Vision®

### Touchscreen

None

### Color Calibration

Factory Color Calibration

### Keyboard

White Backlit, Czech / Slovak

### Touchpad

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

### Case Color

Storm Grey

### Surface Treatment

Anodizing

### Case Material

Aluminium (Top), Aluminium (Bottom)

### Dimensions (WxDxH)<sup>[2]</sup>

327.49 x 250.62 x 17.9-21.29 mm (12.89 x 9.87 x 0.70-0.84 inches)

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

Less than 1.75 kg (3.86 lbs)

## SOFTWARE

### Operating System

Windows® 11 Home, Czech / Slovak / English

### Bundled Software

Office Trial

## CONNECTIVITY

### Ethernet

No Onboard Ethernet

### WLAN + Bluetooth<sup>[4]</sup><sup>[5]</sup>

Wi-Fi® 6E, 11ax 2x2 + BT5.2

### Standard Ports

- 1x USB 3.2 Gen 2
- 1x USB 3.2 Gen 2 (Always On)
- 1x USB-C® 3.2 Gen 2 (support data transfer and DisplayPort™ 1.4)
- 1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 140W and DisplayPort™ 1.4)
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Card reader
- 1x Power connector

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0 Enabled

### Fingerprint Reader

Touch Style, Integrated in Power Button

### Other Security

E-shutter

## SERVICE

### Base Warranty

2-year, Courier or Carry-in

### Included Upgrade

3Y Courier/Carry In from 2Y Courier/Carry In (CPN)\_APOS

## ACCESSORIES

### Bundled Accessories<sup>[6]</sup>

None

## CERTIFICATIONS

### Green Certifications<sup>[7]</sup>

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

### Other Certifications

TÜV Rheinland® Low Blue Light (Hardware Solution)

## MODEL

**TopSeller** : No **Announce Date** : 2023-12-11

**EAN / UPC / JAN** : 197531934840 **End of Support** : 2029-09-02

Note:

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

<sup>[2]</sup> The system dimensions may vary depending on configurations.

<sup>[3]</sup> 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.

<sup>[4]</sup> Bluetooth may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

<sup>[5]</sup> Wi-Fi 6E full features might be limited by country-level restrictions. 6GHz Wi-Fi 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi 6E, and the regional regulatory certifications & spectrum allocation.

<sup>[6]</sup> For more compatible accessory solutions, please visit

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2331?M=82Y5005ECK>

## 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

### 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...

### ThinkPad Professional 15.6-inch Backpack

4X40Q26383

The Lenovo ThinkPad Professional Backpack is a streamlined yet versatile backpack for the on-the-go professional. This clean, modern design carries, protects, and organizes your mobile office, while premium, lightweight...

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

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**PSREF**  
Product Specifications  
Reference