

## PERFORMANCE

### Processor

AMD Ryzen™ 5 8645HS (6C / 12T, 4.3 / 5.0GHz, 6MB L2 / 16MB L3)

### Graphics

NVIDIA® GeForce RTX™ 3050 6GB GDDR6

### Chipset

AMD SoC Platform

### Memory

16GB Soldered LPDDR5x-6400

### Memory Slots

Memory soldered to systemboard, no slots, dual-channel

### Max Memory

16GB soldered memory, not upgradable

### Storage

1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®

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

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

SD Card Reader

### Optical

None

### Audio Chip

High Definition (HD) Audio

### Speakers

Stereo speakers, 2W x2, optimized with Dolby Atmos®

### Camera

FHD 1080p + IR with Privacy Shutter, ToF Sensor

### Microphone

2x, Array

### Battery

Integrated 84Wh

### Power Adapter

170W Slim Tip (3-pin)

## DESIGN

### Display

16" 2K (2048x1280) OLED 400nits Glossy, 100% DCI-P3, 120Hz, Eyesafe®, DisplayHDR™ True Black 500

### Touchscreen

None

### Keyboard

Backlit, English (US)

### Touchpad

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 80 x 135 mm (3.15 x 5.31 inches)

### Case Color

Arctic Grey

### Surface Treatment

Aluminium Stamping (Anodized)

### Case Material

Aluminium (Top), Aluminium (Bottom)

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

356 x 251 x 17.5 mm (14.02 x 9.88 x 0.69 inches)

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

Starting at 1.91 kg (4.21lbs)

## SOFTWARE

### Operating System

Windows® 11 Home, English

### Bundled Software

Office Trial

## CONNECTIVITY

### Ethernet

No Onboard Ethernet

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

Wi-Fi® 6E, 11ax 2x2 + BT5.2

### Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort™ 1.4
- 1x USB-C® (USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD card reader

### Optional Ports (configured)

1x Power connector (models with discrete graphics)

### Monitor Cable

None

## SECURITY & PRIVACY

### Security Chip

Microsoft® Pluton TPM 2.0 Enabled

### Fingerprint Reader

None

### Other Security

- IR camera for Windows® Hello (facial recognition)
- Camera privacy shutter

## SERVICE

### Base Warranty

1-year, Courier or Carry-in

### Included Upgrade

None

## ACCESSORIES

### Bundled Accessories<sup>[5]</sup>

None

## CERTIFICATIONS

### Green Certifications<sup>[6]</sup>

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

### Other Certifications

- Eyesafe® Certified 2.0
- TÜV Rheinland® Low Blue Light (Hardware Solution)

### Mil-Spec Test

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

## MODEL

**TopSeller** : No **Announce Date** : 2024-03-04

**EAN / UPC / JAN** : 198153153770 **End of Support** : 2030-02-28

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> Wi-Fi 6E full features might be limited by country-level.....

· 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/2391?M=83D5002XUS>

## 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 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...

## Recommended Services

BEST	3Y Premium Care Plus upgrade from 1Y Courier/Carry-in (5WS1J38674)
BETTER	3Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in (5WS0T73723)
GOOD	3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0K75704)

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

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Product Specifications  
Reference