

## PERFORMANCE

### Processor

Intel® Core™ i7-12700H, 14C (6P + 8E) / 20T, P-core 2.3 / 4.7GHz, E-core 1.7 / 3.5GHz, 24MB

### Graphics

NVIDIA® GeForce RTX™ 3060 6GB GDDR6, Boost Clock 1702MHz, TGP 140W

### Chipset

Intel SoC Platform

### Memory

2x 16GB SO-DIMM DDR5-4800

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

### Max Memory

Up to 32GB DDR5-4800 offering

### Storage

2x 1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

### Storage Support

Up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 512GB
- M.2 2280 SSD up to 1TB

### Storage Slot

Two M.2 2280 PCIe 4.0 x4 slots

### RAID Preset

RAID 0

### Card Reader

None

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

### Speakers

Stereo speakers, 2W x2, Nahimic Audio

### Camera

HD 720p with E-shutter

### Microphone

2x, Array

### Battery

Integrated 80Wh

### Max Battery Life

MobileMark® 2018: 4.01 hr (discrete mode) or 6.55 hr (hybrid mode)

### Power Adapter

300W Slim Tip (3-pin)

## DESIGN

### Display

16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% sRGB, 165Hz, DisplayHDR™ 400, Dolby® Vision™, G-SYNC®, Low Blue Light, High Gaming Performance

### Touchscreen

None

### Color Calibration

Factory Color Calibration

### Keyboard

Blue Backlit, Slovenian

### Case Color

Glacier White

### Surface Treatment

Anodize Electrophoresis Deposition

### Case Material

Aluminium (Top), Aluminium (Bottom)

### Dimensions (WxDxH)

359.9 x 264.4 x 19.9 mm (14.17 x 10.41 x 0.78 inches)

### Weight

Starting at 2.49 kg (5.49 lbs)

## SOFTWARE

### Operating System

None

### Bundled Software

None

## CONNECTIVITY

### Ethernet

100/1000M (RJ-45)

### WLAN + Bluetooth®

Wi-Fi® 6E, 11ax 2x2 + BT5.1

### Standard Ports

- 1x Headphone / microphone combo jack (3.5mm)
- 1x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer and DisplayPort™ 1.4)
- 1x USB 3.2 Gen 1 (Always On)
- 2x USB 3.2 Gen 1
- 1x USB-C® 3.2 Gen 2 (support data transfer and DisplayPort 1.4)
- 1x Ethernet (RJ-45)
- 1x HDMI®, up to 8K/60Hz
- 1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 135W and DisplayPort 1.4)
- 1x Power connector

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0

### Fingerprint Reader

None

### Other Security

E-Camera shutter

## SERVICE

### Base Warranty

2-year, Courier or Carry-in

### Included Upgrade

None

## ACCESSORIES

### Bundled Accessories

None

## CERTIFICATIONS

### Green Certifications

- RoHS compliant
- ErP Lot 3

### Other Certifications

- TÜV Rheinland® Low Blue Light (Hardware Solution)
- TÜV Rheinland High Gaming Performance (WQXGA display models only)

## MODEL

**TopSeller** : Yes **Announce Date** : 2022-10-14  
**EAN / UPC / JAN** : 196803434620 **End of Support** : 2028-02-10

- Lenovo reserves the right to change specifications or other product information without notice.
- Product image on this page is a sample, it may not match the real color of this model
- Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

## 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...



### Lenovo USB-C 7-in-1 Hub

4X90V55523

Travel - Ready Productivity. One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo USB-C 7-in-1 Hub fits unlimited productivity i...

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

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Product Specifications  
Reference