

## 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 1605MHz, TGP 100W

### Chipset

Intel SoC Platform

### Memory

8GB Soldered DDR5-4800 + 8GB SO-DIMM DDR5-4800

### Memory Slots

One memory soldered to systemboard, one DDR5 SO-DIMM slot, dual-channel capable

### Max Memory

Up to 24GB (8GB soldered + 16GB SO-DIMM) DDR5-4800 offering

### Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

### Storage Support

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® ALC3306 codec

### Speakers

Stereo speakers, 2W x2, audio by HARMAN certification, optimized with Nahimic Audio

### Camera

FHD 1080p with E-shutter

### Microphone

2x, Array

### Battery

Integrated 99.99Wh

### Max Battery Life

Models with 99.99Wh battery:  
MobileMark® 2018: 8.6 hr  
Local video (1080p) playback: 11.3 hr

### Power Adapter

230W 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

RGB Backlit, English

### Case Color

Onyx Grey

### Surface Treatment

Iron Sandblasting (Anodized)

### Case Material

Aluminium (Top), Aluminium (Bottom)

### Dimensions (WxDxH)

357.7 x 260 x 16.9 mm (14.08 x 10.24 x 0.67 inches)

### Weight

Less than 2.23 kg (4.9 lbs)

## SOFTWARE

### Operating System

Windows® 11 Home, Polish

### Bundled Software

Office Trial

## CONNECTIVITY

### Ethernet

No Onboard Ethernet

### WLAN + Bluetooth®

Wi-Fi® 6E, 11ax 2x2 + BT5.1

### Standard Ports

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

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0

### Fingerprint Reader

Touch Style, Integrated in Power Button

### Other Security

E-shutter

## SERVICE

### Base Warranty

2-year, Courier or Carry-in

### Included Upgrade

2Y Premium Care with OnSite from 2Y Depot (CPN) (5WS1K05879)

## CERTIFICATIONS

### Green Certifications

- ErP Lot 3
- RoHS compliant

### Other Certifications

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

## MODEL

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2022-12-29
<b>EAN / UPC / JAN</b>	: 196804268163	<b>End of Support</b>	: 2028-05-08



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- 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...

## Recommended Services

BEST	4Y Premium Care upgrade from 2Y Premium Care (5WS1C83325)
BETTER	3Y Premium Care upgrade from 2Y Premium Care (5WS1C83323)

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

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**PSREF**  
Product Specifications  
Reference