

### PERFORMANCE

#### Processor

Intel® Core™ i7-12700, 12C (8P + 4E) / 20T, P-core 2.1 / 4.8GHz, E-core 1.6 / 3.6GHz, 25MB

#### Graphics

NVIDIA® GeForce RTX™ 3060 12GB GDDR6

#### Chipset

Intel B660 Chipset

#### Memory

2x 8GB UDIMM DDR4-3200

#### Memory Slots

Two DDR4 UDIMM slots, dual-channel capable

#### Max Memory

Up to 32GB DDR4-3200

#### Storage

512GB SSD M.2 2280 PCIe® 3.0x4 NVMe® + 1TB HDD 7200rpm 3.5"

#### Optane™ Memory

None

#### Storage Support

Up to three drives, 2x 3.5" HDD + 1x M.2 SSD

- 3.5" HDD up to 2TB
- M.2 SSD up to 1TB

#### Card Reader

None

#### Optical

None

#### Audio Chip

High Definition (HD) Audio, Realtek® ALC623-CG codec

#### Speakers

No speakers

#### Power Supply

500W 92%

### DESIGN

#### Keyboard

USB Calliope Keyboard, Black, English

#### Mouse

USB Calliope Mouse, Black

#### Expansion Slots

- One PCIe 4.0 x1, full height
- One PCIe 4.0 x16, full height
- Two M.2 slots (one for WLAN, one for SSD)

#### Case Color

Raven Black

#### System Fan

1x 1x Front + 1x 1x Rear

#### Form Factor

Tower (17L)

#### Dimensions (WxDxH)

170 x 304 x 376 mm (6.69 x 11.97 x 14.8 inches)

#### Weight

8.4 kg (18.52 lbs)

### CONNECTIVITY

#### Ethernet

Integrated 100/1000M

#### WLAN + Bluetooth®

Wi-Fi® 6, 11ax 2x2 + BT5.1

#### Front Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 2
- 1x USB-C® 3.2 Gen 1 (support data transfer and 5V@3A charging)
- 1x headphone / microphone combo jack (3.5mm)

#### Rear Ports

- 1x HDMI® 2.0b
- 1x VGA
- 4x USB 2.0
- 1x Ethernet (RJ-45)
- 1x headphone (3.5mm)
- 1x power connector

### SECURITY & PRIVACY

#### Security Chip

Firmware TPM 2.0 integrated in chipset

### MANAGEABILITY

### SERVICE

#### Base Warranty

1-year, Mail-in

#### Included Upgrade

None

### CERTIFICATIONS

#### Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

### SOFTWARE

#### Operating System

Windows® 11 Home, English

#### Bundled Software

None

### ACCESSORIES

### MODEL

TopSeller	: No	Announce Date	: 2022-06-01
EAN / UPC / JAN	: -	End of Support	: 2028-02-14



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## 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 Services

BEST	3Y Premium Care Plus upgrade from 1Y Courier/Carry-in (5WSIJ38565)
BETTER	3Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in (5WSOT73716)
GOOD	3Y Accidental Damage Protection from 1Y (5W50K85970)

For a full list of Accidental Damage Protection products, please visit: <https://smartfind.lenovo.com>

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**PSREF**  
Product Specifications  
Reference