

## PERFORMANCE

### Processor<sup>[1]</sup>

Intel® Core™ i7-12700, 12C (8P + 4E) / 20T, Max Turbo up to 4.9GHz, P-core 2.1 / 4.8GHz, E-core 1.6 / 3.6GHz, 25MB

### Graphics

NVIDIA® GeForce RTX™ 3060 Ti 8GB GDDR6

### Chipset

Intel B660 Chipset

### Memory

2x 8GB UDIMM DDR5-4800

### Memory Slots

Four DDR5 UDIMM slots, dual-channel capable

### Max Memory<sup>[2][3]</sup>

Up to 128GB DDR5-4800

### Storage

512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® + 2TB HDD 7200rpm 3.5"

### Optane™ Memory

None

### Storage Support<sup>[4]</sup>

Up to five drives, 2x 3.5" HDD + 2x M.2 SSD + 1x open 2.5 HDD Bay

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

### Card Reader

None

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC897-Q codec

### Speakers

No speakers

### Power Supply

500W 85%

## DESIGN

### Keyboard

None

### Mouse

None

### Optional Bay

None

### Expansion Slots

- One PCIe 4.0 x16
- One PCIe 3.0 x4
- Three M.2 slots (one for WLAN, two for SSD)

### Case Color

Black

### System Lighting

Legion OY Iconic LED + Internal Ambient Lighting

### Chassis

Transparent Cover + Inner Decorate Cover

### Cooler

Advance Pro Air Cooler

### System Fan

Advance Pro Air Cooling with ARGB (1x Rear + 2x Front)

### Carry Handle

Carry Handle

### Form Factor

Tower (26L)

### Dimensions (WxDxH)<sup>[5]</sup>

205 x 395.4 x 420 mm (8.1 x 15.57 x 16.54 inches)

### Weight<sup>[6]</sup>

14 kg (30.86 lbs)

## CONNECTIVITY

### Ethernet

Integrated 100/1000M

### WLAN + Bluetooth®

Wi-Fi® 6, 11ax 2x2 + BT5.1

### Top Ports

- 2x USB 3.2 Gen 1
- 1x headphone (3.5mm)
- 1x microphone (3.5mm)

### Rear Ports

- 1x USB-C® 3.2 Gen 2 (support data transfer and 5V@3A charging)
- 2x USB 3.2 Gen 1
- 4x USB 2.0
- 1x Ethernet (RJ-45)
- 1x Lighting switch
- 1x power connector
- 3x audio connector (3.5mm)

### Optional Rear Ports (configured)

3x DP 1.4a, 1x HDMI® 2.1 FRL on NVIDIA GeForce RTX 3060 Ti

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0 integrated in chipset

## SERVICE

### Base Warranty

1-year, Courier or Carry-in

### Included Upgrade

3Y Legion Ultimate Support -Idea DT (ESS)

## CERTIFICATIONS

### Green Certifications

- ErP Lot 3
- RoHS compliant

## SOFTWARE

### Operating System

Windows® 11 Home Single Language, English

### Bundled Software

Office Home & Student 2021

## MODEL

TopSeller	: No	Announce Date	: 2022-02-23
EAN / UPC / JAN	: 196119242919	End of Support	: 2027-11-15



intel

Product image is a sample, it may not match the real color of this model

Note:

[1] Intel UHD Graphics in processor is disabled.

Intel Max Turbo frequency will vary depending on application workload and the hardware and software configurations, see <http://www.intel.com/technology/turboboost/> for more information.  
[2] The max memory is based on the test results with current Lenovo memory offerings.

[3] Installed memory is actually 4800MHz, but may run at.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/1755?M=90SV002XYN>

## 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 USB-C to Ethernet Adapter

4X90S91831

The Lenovo USB-C to Ethernet Adapter is quick and easy way to connect your USB-C enabled notebook to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.



### ThinkPad USB3.0 to Ethernet Adapter

4X90S91830

The ThinkPad USB3.0 to Ethernet Adapter is quick and easy way to connect your notebook and desktop to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

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

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**PSREF**  
Product Specifications  
Reference