

## PERFORMANCE

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

Intel® Core™ i9-13900KF, 24C (8P + 16E) / 32T, Max Turbo up to 5.8GHz, P-core 3.0 / 5.4GHz, E-core 2.2 / 4.3GHz, 36MB

### Graphics

NVIDIA® GeForce RTX™ 4080 16GB GDDR6X

### Chipset

Intel Z790 Chipset

### Memory

2x 16GB UDIMM DDR5-5600

### Memory Slots

Four DDR5 UDIMM slots, dual-channel capable

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

Up to 64GB DDR5-5600

### Storage

2TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

### Storage Support<sup>[3]</sup>

Up to seven drives, 2x 3.5" HDD + 2x 2.5" HDD + 3x M.2 SSD

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

### Card Reader

None

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC897 codec

### Speakers

No speakers

### Power Supply

850W 90%

## DESIGN

### Keyboard

None

### Mouse

None

### Optional Bay

2.5" HDD bay

### Expansion Slots

- One PCIe 5.0 x16
- One PCIe 4.0 x16 (x4 signal)
- One PCIe 3.0 x1
- Four M.2 slots (one for WLAN, three for SSD)

### Case Color

Storm Grey

### System Lighting

Legion Lighting + Internal Ambient Lighting

### Chassis

Inner Decorate Cover

### Cooler

3x M.2 SSD Heatsink + 250W 360MM with RGB Light

### System Fan

1x Rear + 2x Top with ARGB

### Form Factor

Tower (34L)

### Dimensions (WxDxH)<sup>[4]</sup>

211 x 464 x 494 mm (8.3 x 18.26 x 19.44 inches)

### Weight<sup>[5]</sup>

17 kg (37.47 lbs)

## CONNECTIVITY

### Ethernet

2.5GbE RTL8125BG

### WLAN + Bluetooth<sup>[6][7]</sup>

Wi-Fi® 6E, 11ax 2x2 + BT5.1

### Top Ports

- 2x USB 2.0
- 2x USB 3.2 Gen 1
- 1x headphone (3.5mm)
- 1x microphone (3.5mm)

### Rear Ports

- 1x USB-C® 3.2 Gen 2x2
- 1x USB 3.2 Gen 2
- 2x USB 2.0
- 4x USB 3.2 Gen 1
- 1x Ethernet (RJ-45)
- 1x Lighting switch
- 6x audio connectors (with SPDIF)

### Optional Rear Ports (configured)

3x DP 1.4a, 1x HDMI® 2.1 FRL on NVIDIA GeForce RTX 4080

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0 integrated in chipset

## SERVICE

### Base Warranty

2-year, Courier or Carry-in

### Included Upgrade

None

## CERTIFICATIONS

### Green Certifications

- ErP Lot 3
- RoHS compliant

## SOFTWARE

### Operating System

Windows® 11 Home, Benelux (EN/FR/DE/NL)

### Bundled Software

None

## MODEL

TopSeller : Yes      Announce Date : 2023-07-17

EAN / UPC / JAN : 197532444829      End of Support : 2028-12-07



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] The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

[4] The system dimensions may vary depending on configurations.

[5] 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.

[6] WIFI 6E may downgrade to WIFI 6 due to Regulatory.....  
• Lenovo reserves the right to change specifications without

notice.

To see more note information, please link to  
<https://psref.lenovo.com/Detail/2124?M=90V7009DMH>

## 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.

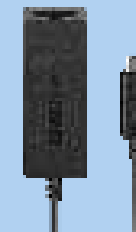
## Base Warranty – Included with the systems you purchase, default 1- or 3-year coverage window.

## 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 UltraSlim USB DVD Burner

4XA0E9775

ThinkPad UltraSlim USB DVD Burner -- is a small form factor external portable DVD and CD recordable drive that can be attached to Notebooks with USB2.0 port or USB3.0 port. With 9.5mm UltraSlim engine, 20% slimmer tha...

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

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PSREF  
Product Specifications  
Reference