

## PERFORMANCE

### Processor

Intel® Core™ Ultra 9 285K, 24C (8P + 16E) / 24T, Max Turbo up to 5.6GHz, 40MB

### AI PC Category<sup>[1]</sup>

AI-Powered Gaming PC

### NPU

Integrated Intel® AI Boost, up to 13 TOPS

### Graphics<sup>[2]</sup>

NVIDIA® GeForce RTX™ 5080 16GB GDDR7

### Chipset

Intel® Z890 Chipset

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

2x 32GB UDIMM DDR5-5600

### Memory Slots

Four DDR5 UDIMM/CUDIMM slots, dual-channel capable

### Max Memory<sup>[4]</sup>

Up to 128GB DDR5-5600

### Storage

2TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

### Max Storage Support<sup>[5]</sup>

Up to six drives, 2x 3.5" HDD + 4x M.2 SSD

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

### Card Reader

None

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC1220 codec

### Speakers

No speakers

### Power Supply

1200W 90%

## DESIGN

### Keyboard

None

### Mouse

None

### Expansion Slots

- One PCIe® 5.0 x16
- One PCIe® 4.0 x16 (x4 signal)
- One PCIe® 3.0 x1
- Five M.2 slots (one for WLAN, four for SSDs)

### Case Color

Storm Grey

### System Lighting

Legion Lighting + Internal Ambient Lighting

### Chassis

Inner Decorate Cover + Transparent Cover

### Cooler

3x 120MM with RGB Light + PCH Heatsink + VRM Heatsink

### System Fan

1x Rear + 2x Top with ARGB

### Form Factor

Tower (34L)

### Dimensions (WxDxH)

211 x 451.6 x 477.4 mm (8.3 x 17.77 x 18.79 inches)

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

Around 18 kg (39.68 lbs)

## CONNECTIVITY

### WLAN + Bluetooth®

Wi-Fi® 7, 802.11be 2x2 + BT5.4

### Ethernet

2.5GbE RTL8125BG

### Top Ports

- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 2x USB-A (Hi-Speed USB / USB 2.0)
- 1x headphone / microphone combo jack (3.5mm)

### Rear Ports<sup>[7][8][9]</sup>

- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.1 and DisplayPort™ 2.1
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 2x USB-A (Hi-Speed USB / USB 2.0)
- 4x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x DisplayPort™ 1.4
- 1x Ethernet (2.5GbE RJ-45)
- 1x Power connector
- 6x Audio connectors

## 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
- None

## SOFTWARE

### Operating System

None

### Bundled Software

None

## MODEL

<b>TopSeller</b>	: No	<b>Announce Date</b>	: 2025-04-11
<b>EAN / UPC / JAN</b>	: 198158892650	<b>End of Support</b>	: 2030-11-25



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

Note:

[1] AI-Powered Gaming PCs feature Lenovo AI Engine+ and NVIDIA GeForce RTX GPUs to handle AI-driven tasks and deliver exceptional gaming performance.

[2] The information of integrated graphics are not applicable for the models with processor which has no integrated graphics inside (for the details, please refer to processor section).

[3] Installed memory is actually DDR5-6400 but may run as DDR5-5600 or less depending on the memory support capability of Intel.

[4] The max memory is based on the test results with current Lenovo memory offerings.

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

[6] 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.

[7] For video ports on discrete graphics, please see graphics section.

[8] For some models, this connector does not support display.....

• Lenovo reserves the right to change specifications without notice.

To see more note information, please access the [web page](#).

## 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
- Technician Installed Customer
- Onsite Support
- 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.



### Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...

Please click [here](#) to view the full list of accessories.



**PSREF**  
Product Specifications  
Reference