

## PERFORMANCE

### Processor

Intel® Core™ Ultra 9 285, 24C (8P + 16E) / 24T, Max Turbo up to 5.6GHz, 36MB Intel® Smart Cache

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

AI-Ready Workstations

### Processor Sockets

1x FCLGA1851

### Integrated Graphics

Integrated Intel® Graphics

### Discrete Graphics

1x NVIDIA® RTX 4000 SFF Ada Generation 20GB

### Chipset

Intel® W880 Chipset

### Memory

2x 32GB SODIMM DDR5-5600 Non-ECC

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

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

Up to 128GB (2x 64GB DDR5 CSODIMM)

### PCIe® NVMe® Controller

Integrated NVMe® controller

### PCIe® NVMe® Drive

2x 1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal

### SATA Controller

Integrated SATA controller

### SATA/SAS Drive

None

### Audio Chip

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

### Power Supply

330W 90% Adapter

## DESIGN

### Keyboard

USB, Calliope, Black, Czech / Slovakian

### Mouse

USB Calliope Mouse, Black

### Expansion Slots

Three or two PCIe® slots depending on riser card selection.

- Three slots configuration:
  - Slot 1: PCIe® 4.0 x16 (x8 lanes), by riser card
  - Slot 2: PCIe® 4.0 x16 (x8 lanes), by riser card
  - Slot 3: PCIe® 4.0 x8 (x4 lanes), onboard
- Two slots configuration:
  - Slot 1: PCIe® 4.0 x16, by riser card
  - Slot 2: PCIe® 4.0 x8 (x4 lanes), onboard

### Dust Filter

None

### Dimensions (WxDxH)<sup>[3]</sup>

87 x 223 x 202 mm (3.43 x 8.78 x 7.95 inches)

### Weight<sup>[4]</sup>

3.6 kg (7.94 lbs, maximum configuration)

## CONNECTIVITY

### Onboard Ethernet

Intel® I219-LM, 1x GbE RJ-45

### Optional Ethernet

None

### WLAN + Bluetooth®

None

### Front Ports

- 2x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)

### Rear Ports<sup>[5]</sup>

- 4x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 3x DisplayPort™ 1.2
- 1x Ethernet (GbE RJ-45)

### Optional Rear Ports (configured)

None

## SECURITY & PRIVACY

### Security Chip

Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

### Physical Locks

Kensington® Security Slot™, 3 x 7 mm

### Chassis Intrusion Switch

Chassis Intrusion Switch

## MANAGEABILITY

### System Management

Intel® vPro® Enterprise with Intel® AMT 16

## SERVICE

### Base Warranty

3-year, Onsite

### Included Upgrade

1Y Premier Support from 3Y Onsite Windchill bundles (CPN)

## CERTIFICATIONS

### ISV Certifications

Please visit [ISV certifications for Lenovo® Workstations](#)

### Mil-Spec Test

MIL-STD-810H military test passed

## SOFTWARE

### Operating System

Windows® 11 Pro, Czech / Slovak / English

### Bundled Software

Lenovo® AI Now

## MODEL

TopSeller : Yes

Announce Date : 2025-05-01

EAN / UPC / JAN : 0198157880474

End of Support : 2033-05-22



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

### Note:

<sup>[1]</sup> With scalable configurations of higher-performance CPUs and professional NVIDIA RTX GPUs, in addition to advantage of the same modern AI PC technology, AI-Ready workstation power the demanding AI consumption & development workflows.

<sup>[2]</sup> The max memory is based on the test results with current Lenovo memory offerings.

<sup>[3]</sup> The system dimensions may vary depending on configurations.

<sup>[4]</sup> 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.

<sup>[5]</sup> For video ports on discrete graphics, please see graphics section.

· Lenovo reserves the right to change specifications without notice.

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

## Premier Support - A direct 24x7x365 line to our most elite technicians.



Advanced technical support, 24x7x365, in more than 100 markets



Technical Account Managers for proactive relationship and escalation management



Comprehensive hardware & OEM software support



Priority on service delivery and repair parts



Single point of contact for simplified end-to-end case management



Lenovo Service Connect Portal for customized reporting and product support

## 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.



### 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.

**Lenovo**

**PSREF**  
Product Specifications  
Reference