## PERFORMANCE

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

**AI PC Category**[1]
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 CSODIMM DDR5-6400 Non-ECC

**Memory Slots**
Two DDR5 SO-DIMM slots, dual-channel capable

**Max Memory**[2]
Up to 128GB (2x 64GB DDR5 CSODIMM)

**PCIe® NVMe® Controller**
Integrated NVMe® controller

**PCIe® NVMe® Drive**
1x 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, German

**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)**[3]
87 x 223 x 202 mm (3.43 x 8.78 x 7.95 inches)

**Weight**[4]
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**[5]
• 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, German

**Bundled Software**
Lenovo® AI Now

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **Announce Date** | : 2025-05-01 |
| **EAN / UPC / JAN** | : 0198158743846 | **End of Support** | : 2033-05-22 |

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

Note:
[1] 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.
[2] The max memory is based on the test results with current Lenovo memory offerings.
[3] The system dimensions may vary depending on configurations.
[4] 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.
[5] 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 link to
https://psref.lenovo.com/Detail/2611?M=30J5002UGE

# 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

# 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.

# Recommended Services

| | |
|---|---|
| BEST | 5Y Premier Support upgrade from 1Y Premier Support (5WS1F52293) |
| BETTER | 3Y Premier Support upgrade from 1Y Premier Support (5WS1B61706) |
| GOOD | 2Y Premier Support upgrade from 1Y Premier Support (5WS1B61703) |

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

**Lenovo** **PSREF**
Product Specifications Reference