

## PERFORMANCE

### Processor

Intel® Core™ i7-14700, 20C (8P + 12E) / 28T, Max Turbo up to 5.4GHz, P-core 2.1 / 5.3GHz, E-core 1.5 / 4.2GHz, 33MB

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

AI-Ready Workstations

### Processor Sockets

1x FCLGA1700

### Integrated Graphics

Integrated Intel® UHD Graphics 770

### Discrete Graphics

None

### Chipset

Intel® W680 Chipset

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

1x 16GB UDIMM DDR5-4400 Non-ECC

### Memory Slots

4 DDR5 DIMM slots, 2 channels capable

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

Up to 128GB (4x 32GB DDR5 UDIMM)

### PCIe® NVMe® Controller

Integrated NVMe® Controller

### PCIe® NVMe® Drive

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

### SATA Controller

Onboard Intel® RSTe SATA RAID

### SATA/SAS Drive

None

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC897Q-CG codec

### Power Supply

500W Platinum Fixed

## DESIGN

### Keyboard

USB Traditional Keyboard, Black, English (UK)

### Mouse

USB Calliope Mouse, Black

### Expansion Slots

Supports four PCIe® slots with two PCIe® 4.0 x16 and two PCIe® 3.0 x1.

- Slot 1: PCIe® 4.0 x16, full height, full length, 75W, double-width

- Slot 2: PCIe® 3.0 x1, full height, half length, 25W

- Slot 3: PCIe® 4.0 x16 (x4 lanes), full height, half length, 25W

- Slot 4: PCIe® 3.0 x1, full height, half length, 25W

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

180 x 370 x 415 mm (7.09 x 14.57 x 16.34 inches)

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

13.61 kg (30.00 lbs, maximum configuration)

## CONNECTIVITY

### Onboard Ethernet

Intel® I219-LM, 1x GbE RJ-45

### Optional Ethernet

None

### WLAN + Bluetooth®

None

### Card Reader

SD Card Reader

### Front Ports

- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), data transfer only
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

### Optional Front Ports (configured)

1x SD card reader

### Rear Ports<sup>[6]</sup>

- 4x USB-A (USB 5Gbps / USB 3.2 Gen 1), one supports Smart Power On
- 1x HDMI® 2.1 TMDS
- 2x DisplayPort™ 1.4
- 1x Ethernet (RJ-45)
- 1x line-out (3.5mm)

### 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
- Padlock Loop

### Cover Lock

None

### Cable Lock

No Cable

### Chassis Intrusion Switch

None

## MANAGEABILITY

### System Management<sup>[7]</sup>

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](#)

## SOFTWARE

### Operating System

Windows® 11 Pro, English

### Bundled Software

None

## MODEL

TopSeller : Yes

Announce Date : 2024-03-19

EAN / UPC / JAN : 0197530534300

End of Support : 2031-05-25



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] 4400 MT/s is maximum operating speed, memory operating speed varies depending on memory configuration:

1x 8GB / 2x 8GB / 1x 16GB / 2x 16GB / 2x 32GB configurations run at 4400 MT/s;

4x 8GB / 4x 16GB configurations run at 4000 MT/s;

4x 32GB configuration runs at 3600 MT/s.

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

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

[5] The system weight is approximate and based on results in.....

• Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2236?M=30GS009JUK>

## 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.

## Recommended Services

GOOD

3Y Premier Support upgrade from 1Y Premier Support (5WS1B61706)

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

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**PSREF**  
Product Specifications  
Reference