

## PERFORMANCE

### Processor

Intel® Xeon® w3-2425, 6C (6P + 0E) / 12T, 3 / 4.4GHz, 15MB

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

AI-Ready Workstations

### Processor Sockets

1x FCLGA4677

### Discrete Graphics

1x NVIDIA® RTX 2000 Ada Generation 16GB

### Chipset

Intel® W790 Chipset

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

2x 16GB RDIMM DDR5-4800 ECC

### Memory Slots

8 DDR5 DIMM slots, 4 channels capable

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

Up to 512GB (8x 64GB RDIMM)

### PCIe® NVMe® Controller

Integrated NVMe® Controller, non-RAID

### PCIe® NVMe® Drive

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

### SATA Controller

Onboard Intel® RSTe SATA

### SATA/SAS Drive

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC897-Q codec

### Power Supply

1000W Platinum Fixed

## DESIGN

### Keyboard

USB Traditional Keyboard, Black, English

### Mouse

USB Calliope Mouse, Black

### Expansion Slots

Supports 6 PCIe® slots with 2x PCIe® 5.0 slots and 4x PCIe® 4.0 slots.

- Slot 1: PCIe® 5.0 x16, full height, full length, 75W, double-width, by CPU
- Slot 2: PCIe® 4.0 x4, full height, full length, 25W, by PCH
- Slot 3: PCIe® 5.0 x16, full height, full length, 75W, double-width, by CPU
- Slot 4: PCIe® 4.0 x4, full height, full length, 25W, by PCH
- Slot 5: PCIe® 4.0 x8, full height, full length, 25W, by CPU
- Slot 6: PCIe® 4.0 x4, full height, full length, 25W, by PCH

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

165 x 453.9 x 446 mm (6.5 x 17.9 x 17.6 inches, with feet)

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

19 kg (41.9 lbs, maximum configuration)

## CONNECTIVITY

### Onboard Ethernet

Intel® I219-LM, 1x GbE RJ-45

### Optional Ethernet

None

### WLAN + Bluetooth®

None

### Card Reader

15-in-1 Card Reader

### Front Ports

1x headphone / microphone combo jack (3.5mm)

### Optional Front Ports (configured)

- 2x USB-C® 3.2 Gen 2
- 2x USB 3.2 Gen 2

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

- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
- 2x USB-A (Hi-Speed USB / USB 2.0)
- 3x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x Ethernet (GbE RJ-45)
- 1x line-in (3.5mm)
- 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

- Access panel lock kit with common key
- Kensington® Security Slot™, 3 x 7 mm

### Cover Lock

Lock Kit with Common Key

### Chassis Intrusion Switch

Chassis Intrusion Switch

## MANAGEABILITY

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

Intel® vPro® Enterprise with Intel® AMT 16

### Diagnostics

Front Diagnostic Panel with QR code

## SERVICE

### Base Warranty

3-year, Onsite

### Included Upgrade

3Y Premier Support Upgrade from 3Y Onsite

## CERTIFICATIONS

### ISV Certifications

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

## SOFTWARE

### Operating System

Windows® 11 Pro for Workstations, English

### Bundled Software

None

## MODEL

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2025-04-29
<b>EAN / UPC / JAN</b>	: 198158866521	<b>End of Support</b>	: 2031-05-03



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] System comes with DDR5-4800 memory and some configurations will run at 4400 MT/s due to the memory support capability of processor.

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

[7] Intel vPro offers a superset of DASH's defined capabilities.

· 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.

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- 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

BEST	4Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39074)
GOOD	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86673)

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

**Lenovo**

**PSREF**  
Product Specifications  
Reference