

## PERFORMANCE

### Processor

AMD Ryzen™ Threadripper PRO 7955WX (16C / 32T, 4.5 / 5.3GHz, 16MB L2 / 64MB L3)

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

AI-Ready Workstations

### Processor Sockets

1x sTR5

### Discrete Graphics

1x NVIDIA® RTX 4000 Ada Generation 20GB

### Chipset

AMD WRX90 chipset

### Memory

2x 16GB RDIMM DDR5-4800 ECC

### Memory Slots

8 DDR5 DIMM slots, 8 channels capable

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

Up to 1TB (8x 128GB 3DS-RDIMM)

### PCIe® NVMe® Controller

Integrated NVMe® Controller with RAID 0/1/10/5

### PCIe® NVMe® Drive

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

### SATA Controller

Integrated SATA Controller with RAID 0/1/5

### SATA/SAS Drive

None

### Audio Chip

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

### Power Supply

1400W Platinum Fixed

## DESIGN

### Keyboard

USB Traditional Keyboard, Black, English

### Mouse

USB Calliope Mouse, Black

### Expansion Slots

Supports 7 PCIe® slots with 6x PCIe® 5.0 slots and 1x PCIe® 4.0 slot.

- Slot 1: PCIe® 5.0 x16, full height, full length, 75W, double-width
- Slot 2: PCIe® 5.0 x8, full height, full length, 25W
- Slot 3: PCIe® 5.0 x16, full height, full length, 75W, double-width
- Slot 4: PCIe® 5.0 x8, full height, full length, 25W
- Slot 5: PCIe® 5.0 x16, full height, full length, 75W, double-width
- Slot 6: PCIe® 5.0 x16, full height, full length, 75W
- Slot 7: PCIe® 4.0 x8, full height, half length, 25W

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

175 x 508 x 434.4 mm (6.9 x 20 x 17.1 inches, with feet)

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

22.7 kg (50.0 lbs, maximum configuration)

## CONNECTIVITY

### Onboard Ethernet

Realtek® RTL8111EP + Marvell AQtion AQC-113, 2x RJ-45, GbE + 10GbE

### Optional Ethernet

None

### WLAN + Bluetooth<sup>[5]</sup>

AMD Wi-Fi® 6E RZ616, 802.11ax 2x2 + BT5.3

### 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 (10GbE RJ-45)
- 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

### 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

AMD PRO Manageability

### Diagnostic

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, English

### Bundled Software

None

## MODEL

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2025-04-29
<b>EAN / UPC / JAN</b>	: 198158864039	<b>End of Support</b>	: 2032-01-25

### 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] Wi-Fi 6E full features might be limited by country-level.....

· 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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

## 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)
BETTER	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39415)
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