

## PERFORMANCE

### Processor

AMD Ryzen™ Threadripper PRO 5945WX (12C / 24T, 4.1 / 4.5GHz, 6MB L2 / 64MB L3)

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

AI-Ready Workstations

### Processor Sockets

1x sWRX8

### Discrete Graphics

1x NVIDIA® RTX 4000 Ada Generation 20GB

### Chipset

AMD WRX80 Chipset

### Memory

2x 32GB RDIMM DDR4-3200 ECC

### Memory Slots

8 DDR4 DIMM slots, 8 channels capable

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

Up to 1TB (8x 128GB RDIMM)

### PCIe® NVMe® Controller

Integrated NVMe® Controller

### PCIe® NVMe® Drive

1x 1TB SSD M.2 2280 4.0x4 NVMe® Opal

### SATA Controller

Integrated SATA Controller

### SATA/SAS Drive

None

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC4050H codec

### Power Supply

1000W Platinum Fixed

## DESIGN

### Keyboard

USB Traditional Keyboard, Black, Swiss

### Mouse

USB Calliope Mouse, Black

### Expansion Slots

Supports 6 PCIe® slots with 4x PCIe® 4.0 x16 slots plus 2x PCIe® 4.0 x8 slots.

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

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

165 x 455x 446 mm (6.5 x 17.9 x 17.6 inches)

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

24 kg (52.91 lbs, maximum configuration)

## CONNECTIVITY

### Onboard Ethernet

Marvell AQtion AQN-107, 1x 10GbE RJ-45

### Optional Ethernet

None

### WLAN + Bluetooth®

None

### Card Reader

None

### Front Ports

- 2x USB-C® 3.2 Gen 2 (support data transfer)
- 1x USB 3.2 Gen 2 (Always On and fast charge)
- 1x USB 3.2 Gen 2
- 1x headphone / microphone combo jack (3.5mm)

### Optional Front Ports (configured)

None

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

- 2x USB 2.0
- 4x USB 3.2 Gen 2
- 1x Ethernet (10GbE RJ-45)
- 1x line-in (3.5mm)
- 1x line-out (3.5mm)
- 1x microphone (3.5mm)
- 2x PS/2 ports (keyboard / mouse)

### 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

AMD PRO

### Diagnostic

Front 4-Digit Diagnostic LED

## SERVICE

### Base Warranty

3-year, Onsite

### Included Upgrade

3Y Premier TS WHB (CPN)

## CERTIFICATIONS

### ISV Certifications

Please visit [www.thinkworkstations.com/isv-certifications/](http://www.thinkworkstations.com/isv-certifications/)

## SOFTWARE

### Operating System

Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

### Bundled Software

None

## MODEL

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2025-04-27
<b>EAN / UPC / JAN</b>	: 0199271113233	<b>End of Support</b>	: 2028-10-04



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

Note:

[1] With scalable configurations of higher-performance CPUs.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/1485?M=30E00187MZ>

## 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

BEST	4Y Premier Support Plus (5WS1L39074)
BETTER	3Y Premier Support Plus (5WS1L39415)
GOOD	3Y Keep Your Drive (5PSOL20549)

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



**PSREF**  
Product Specifications  
Reference