

## PERFORMANCE

### Processor

AMD Ryzen™ Threadripper PRO 7945WX (12C / 24T, 4.7 / 5.3GHz, 12MB L2 / 64MB L3)

### Processor Sockets

1x sTR5

### Chipset

AMD WRX90 chipset

### Memory

2x 16GB RDIMM DDR5-4800 ECC

### Memory Slots

8 DDR5 DIMM slots, 8 channels capable

### Max Memory<sup>[1]</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

### Storage Support<sup>[2][3][4]</sup>

Up to 7 drives (HDD maximum, 3x 3.5" HDD + 4x M.2 SSD);  
or 8 drives (M.2 SSD maximum, 8x M.2 SSD);  
or 6 drives (U.3 SSD maximum, 2x U.3 SSD + 4x M.2 SSD)

- 3.5" HDD up to 12TB each
- M.2 SSD up to 4TB each
- U.3 SSD up to 15.36TB each

### 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

### M.2 Slots<sup>[5]</sup>

Up to 8x M.2 SSD slots:

- 3 via onboard slots, PCIe 4.0 x4
- 4 via HDD bay, PCIe 4.0 x4
- 1 via front access M.2 bay, PCIe 4.0 x4

### Bays

Three internal disk bays plus one front access M.2 bay:

- Bay 1 supports one 3.5" HDD, standard, optional support for two M.2 SSD or one U.3 SSD
- Bay 2 supports one 3.5" HDD, standard, optional support for two M.2 SSD or one U.3 SSD
- Bay 3 supports one 3.5" HDD, optional
- Front access M.2 bay supports one M.2 SSD, optional

### Dimensions (WxDxH)<sup>[6]</sup>

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

### Weight<sup>[7]</sup>

22.7 kg (50.0 lbs, maximum configuration)

## CONNECTIVITY

### Onboard Ethernet

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

### WLAN + Bluetooth<sup>[8]</sup>

AMD Wi-Fi® 6E RZ616, 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>[9]</sup>

- 2x USB-A (Hi-Speed USB / USB 2.0)
- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
- 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)

## 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

### Green Certifications<sup>[10]</sup>

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- TCO Certified 9.0
- GREENGUARD®
- RoHS compliant

### ISV Certifications

Please visit [ISV certifications for Lenovo® Workstations](https://psref.lenovo.com/Detail/2369?M=30HH0033US)

## SOFTWARE

### Operating System

Windows® 11 Pro, English

## MODEL

|                 |                |                |              |
|-----------------|----------------|----------------|--------------|
| TopSeller       | : Yes          | Announce Date  | : 2024-01-08 |
| EAN / UPC / JAN | : 197531578082 | End of Support | : 2032-01-25 |

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to  
<https://psref.lenovo.com/Detail/2369?M=30HH0033US>

## 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 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)      |

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

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**PSREF**  
Product Specifications  
Reference