

PERFORMANCE

Processor

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

AI PC Category^[1]

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^[2]

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, German

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)^[3]

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

Weight^[4]

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^[5]

- 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

None

CERTIFICATIONS

ISV Certifications

Please visit www.thinkworkstations.com/isv-certifications/

SOFTWARE

Operating System

Windows® 11 Pro, German

Bundled Software

None

MODEL

TopSeller : Yes

Announce Date : 2025-03-22

EAN / UPC / JAN : 0198158441629

End of Support : 2028-10-04



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

· Lenovo reserves the right to change specifications without notice.

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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	3Y Premier Support Plus upgrade from 3Y Onsite (5WS1L39289)
BETTER	3Y Premier Support Upgrade from 3Y Onsite (5WS0U26649)
GOOD	3Y Keep Your Drive Add On (5PS0L20549)

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



PSREF
Product Specifications
Reference