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 2000 Ada Generation 16GB

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, 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)[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
3Y Premier TS WHB (CPN)

CERTIFICATIONS

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

SOFTWARE

Operating System
Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

Bundled Software
None

MODEL

TopSeller	: Yes	**Announce Date**	: 2025-05-11
EAN / UPC / JAN	: 0199271312766	**End of Support**	: 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=30E00188MZ

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

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 Prermier Support Plus (5WS1L39415)
GOOD	3Y Keep Your Drive (5PS0L20549)

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

Lenovo PSREF
Product Specifications Reference