

PERFORMANCE

Processor

AMD Ryzen™ Threadripper PRO 3945WX (12C / 24T, 4.0 / 4.3GHz, 6MB L2 / 64MB L3)

Processor Sockets

1x Socket SP3

Discrete Graphics

NVIDIA® Quadro® RTX 4000 8GB

Chipset

AMD WRX80

Memory

2x 16GB RDIMM DDR4-3200 ECC

Memory Slots

8 DDR4 DIMM slots, 8 channels capable

Max Memory

Up to 1TB (8x 128GB DDR4-3200 RDIMMs)

M.2 SSD RAID Controller

Integrated NVMe controller

M.2 SSD Drive

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

HDD Controller

Integrated SATA controller

Internal Disk Drive

None

Storage Support

Up to 5x 3.5" SATA HDD + 9x M.2 SSD

- 3.5" HDD up to 4TB each
- M.2 SSD up to 2TB each

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC4050H codec

Power Supply

1000W Platinum Fixed

DESIGN

Keyboard

USB Traditional Keyboard, Black, English

Mouse

USB Calliope Mouse

Expansion Slots

- Two PCIe 4.0 x8
- Four PCIe 4.0 x16

M.2 Slots

Up to 11x M.2 SSD:

- 2 via onboard slots
- 8 via Quad M.2 to PCIe adapters (only supports PCIe 3.0 SSD)
- 1 via Single M.2 to PCIe adapter (only supports PCIe 3.0 SSD)

Bays

- 2x 3.5" disk bay (standard)
- 3x 3.5" disk bay (optional):
2 bays come with 3rd disk or Storage Bay Upgrade Kit
1 bay via flex bay

Flex Bays

1x flex bay, supports one of the following:

- Front Access Storage Enclosure
- 5.25" Slim ODD and HDD cage

Dimensions (WxDxH)

165 x 460 x 446 mm (6.5 x 18.1 x 17.6 inches, with feet)

Weight

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

15-in-1 Card Reader

Front Ports

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

Rear Ports

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

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 Support Upgrade from 3Y Onsite (5WSOU26649)

CERTIFICATIONS

Green Certifications

- EPEAT™ Silver
- ENERGY STAR® 8.0 (on model 30E00006US)
- RoHS compliant
- GREENGUARD®

ISV Certifications

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

SOFTWARE

Operating System

Windows® 10 Pro 64, English

Bundled Software

None

MODEL

TopSeller	: Yes	Announce Date	: 2021-04-30
EAN / UPC / JAN	: 195890821344	End of Support	: 2028-10-04

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



Kensington MicroSaver 2.0 Cable Lock from Lenovo

4XEON80914

Protect your device. Lenovo offers the latest standard in device security – the MicroSaver 2.0 Cable Lock From Lenovo. Engineered to be the smallest, strongest lock for laptops and other devices, the MicroSaver 2.0 re...

Recommended Services

BEST	5Y Lenovo Protect (Premier Support + ADP + KYD + International Upg) (5PS1D67032)
BETTER	5Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1D67028)
GOOD	4Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1D67027)

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



PSREF
Product Specifications
Reference