

## PERFORMANCE

### Processor

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

### Processor Sockets

1x Socket SP3

### Discrete Graphics

NVIDIA® RTX A4500 20GB

### 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

### SATA/SAS Drive

None

### Storage Support

Up to 5x 3.5" SATA HDD + 11x M.2 SSD

- 3.5" HDD up to 4TB each
- Onboard M.2 SSD up to 4TB each
- M.2 SSD by M.2 to PCIe adapter up to 2TB

### 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

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

### Rear Ports

- 2x USB 2.0
- 4x USB 3.2 Gen 2
- 2x PS/2 ports (keyboard / mouse)
- 1x Ethernet (10GbE RJ-45)
- 1x line-in (3.5mm)
- 1x line-out (3.5mm)
- 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, 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) (5WS1B09490)

## CERTIFICATIONS

### Green Certifications

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

### ISV Certifications

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

## SOFTWARE

### Operating System

Windows® 11 DG Windows 10 Pro 64, German

### Bundled Software

None

## MODEL

**TopSeller** : Yes **Announce Date** : 2022-04-14

**EAN / UPC / JAN** : 0196800033871 **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 Premier Support upgrade from 3Y Premier Support (5WSOW86668)
BETTER	4Y Premier Support upgrade from 3Y Premier Support (5WSOW86673)

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

**Lenovo**

**PSREF**  
Product Specifications  
Reference