

## PERFORMANCE

### Processor

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

### Processor Sockets

1x sWRX8

### Chipset

AMD WRX80 Chipset

### Memory

2x 16GB RDIMM DDR4-3200 ECC

### Memory Slots

8 DDR4 DIMM slots, 8 channels capable

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

Up to 512GB (8x 64GB or 4x 128GB)

### M.2 SSD RAID Controller

Integrated NVMe® Controller

### M.2 SSD Drive

1x 512GB SSD M.2 2280 PCIe® 4.0x4 NVMe Opal

### HDD Controller

Integrated SATA Controller

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

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

### Audio Chip

High Definition (HD) Audio, Realtek® ALC4050H codec

### Power Supply

1000W Platinum Fixed

## DESIGN

### Keyboard

USB Traditional Keyboard, Black, English (BE)

### Mouse

USB Calliope Mouse

### 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

### 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)<sup>[3]</sup>

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

### Weight<sup>[4]</sup>

24 kg (52.91 lbs, maximum configuration)

## CONNECTIVITY

### Onboard Ethernet

Marvell AQtion AQN-107, 1x 10GbE RJ-45

### Card Reader

15-in-1 Card Reader

### Front Ports

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

### Rear Ports

- 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)

## 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

### Green Certifications

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

### ISV Certifications

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

## SOFTWARE

### Operating System

Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

## MODEL

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

**EAN / UPC / JAN** : 0196379655504 **End of Support** : 2028-10-04

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/1485?M=30E000G4MB>

## 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



### 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	4Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39074)
BETTER	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86673)
GOOD	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39415)

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



**PSREF**  
Product Specifications  
Reference