

**PERFORMANCE****Processor**

Intel® Xeon® w3-2435, 8C (8P + 0E) / 16T, 3.1 / 4.5GHz, 22.5MB

**Processor Sockets**

1x FCLGA4677

**Discrete Graphics**

1x NVIDIA® RTX A4500 20GB

**Chipset**

Intel W790 Chipset

**Memory**

4x 16GB RDIMM DDR5-4800 ECC

**Memory Slots**

8 DDR5 DIMM slots, 4 channels capable

**Max Memory**

Up to 512GB (8x 64GB RDIMM)

**M.2 SSD RAID Controller**

Integrated NVMe® Controller, non-RAID

**M.2 SSD Drive**

1x 1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe Opal

**HDD Controller**

Onboard Intel RSTe SATA

**SATA/SAS Drive**

None

**Storage Support**

Up to 10 drives (3x 3.5" SATA HDD + 7x M.2 SSD)

- 3.5" HDD up to 12TB each
- M.2 SSD up to 4TB or 2TB each (see Storage Type)

**Audio Chip**

High Definition (HD) Audio, Realtek® ALC897-Q codec

**Power Supply**

1000W Platinum Fixed

**DESIGN****Keyboard**

USB Traditional Keyboard, Black, German

**Mouse**

USB Calliope Mouse, Black

**Expansion Slots**

Two PCIe 5.0 x16

One PCIe 4.0 x8

Three PCIe 4.0 x4

**M.2 Slots**

Up to 7x M.2 SSD:

- 2 via onboard slots
- 4 via Quad M.2 to PCIe adapter
- 1 via front access M.2 bay

**Bays**

Three internal disk bays plus one front access M.2 bay:

- Bay 1 supports one 3.5" HDD, standard
- Bay 2 supports one 3.5" HDD, standard
- Bay 3 supports one 3.5" HDD, optional
- Front access M.2 bay supports one M.2 SSD, optional

**Dimensions (WxDxH)**

165 x 453.9 x 446 mm (6.5 x 17.9 x 17.6 inches, with feet)

**Weight**

19 kg (41.9 lbs, maximum configuration)

**CONNECTIVITY****Onboard Ethernet**

Intel I219-LM, 1x GbE RJ-45

**Optional Ethernet**

None

**WLAN + Bluetooth®**

None

**Card Reader**

15-in-1 Card Reader

**Front Ports**

1x headphone / microphone combo jack (3.5mm)

**Optional Front Ports (configured)**

- 2x USB-C® 3.2 Gen 2
- 2x USB 3.2 Gen 2

**Rear Ports**

- 1x USB-C 3.2 Gen 2x2
- 2x USB 2.0
- 3x USB 3.2 Gen 2
- 1x Ethernet (GbE RJ-45)
- 1x line-in (3.5mm)
- 1x line-out (3.5mm)

**Optional Rear Ports (configured)**

None

**SECURITY & PRIVACY****Security Chip**

Discrete TPM 2.0, TCG certified

**Physical Locks**

Kensington® Security Slot™, 3 x 7 mm

**Cover Lock**

None

**Chassis Intrusion Switch**

Chassis Intrusion Switch

**MANAGEABILITY****System Management**

Intel® vPro® Enterprise with Intel AMT 16

**Diagnostic**

Front Diagnostic Panel with QR code

**SERVICE****Base Warranty**

3-year, Onsite

**Included Upgrade**

3Y Premier TS WHB (CPN) (5WS1B09490)

**CERTIFICATIONS****Green Certifications**

- EPEAT™ Gold Registered
- ENERGY STAR® 8.0
- TCO Certified 9.0
- RoHS compliant

**ISV Certifications**

Please visit [ISV certifications for Lenovo® Workstations](#)

**SOFTWARE****Operating System**

Windows® 11 Pro for Workstations, German

**Bundled Software**

None

**MODEL**

**TopSeller** : Yes **Announce Date** : 2023-04-26

**EAN / UPC / JAN** : 0196804828039 **End of Support** : 2031-05-03

## 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



### Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...

## Recommended Services

|        |                                                                            |
|--------|----------------------------------------------------------------------------|
| BEST   | 4Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1D67027) |
| BETTER | 4Y Premier Support upgrade from 3Y Premier Support (5WS0W86673)            |
| GOOD   | 3Y Keep Your Drive Add On (5PS0L20549)                                     |

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



**PSREF**  
Product Specifications  
Reference