

PERFORMANCE

Processor

Intel® Xeon® w7-3455, 24C (24P + OE) / 48T, 2.5 / 4.8GHz, 67.5MB

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, 8 channels capable

Max Memory

Up to 1TB (8x 128GB 3DS-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 11 drives (3x 3.5" SATA HDD + 8x M.2 SSD) or 9 drives (9x 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

Three PCIe 5.0 x16

One PCIe 4.0 x16

One PCIe 4.0 x8

One PCIe 5.0 x4

One PCIe 4.0 x4

M.2 Slots

Up to 9x M.2 SSD:

- 3 via onboard slots, 3rd M.2 slot is vertical and optional holder is needed
- 4 via Quad M.2 to PCIe adapter
- 2 via HDD bay or 1 via front access M.2 bay (choose one)

Bays

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

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

Dimensions (WxDxH)

175 x 508x 440.4 mm (6.9 x 20 x 17.3 inches, with feet)

Weight

24.5 kg (50.0 lbs, maximum configuration)

CONNECTIVITY

Onboard Ethernet

Intel I219-LM + Marvell AQtion AQC-113C, 2x RJ-45, GbE + 10GbE

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 (10GbE RJ-45)
- 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

- 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

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 : 0196804820149

End of Support : 2031-05-06

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	5Y Premier Support upgrade from 3Y Premier Support (5WS0W86638)
BETTER	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86766)

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



PSREF
Product Specifications
Reference