

## PERFORMANCE

### Processor

Intel® Xeon® w7-3455, 24C (24P + 0E) / 48T, 2.5 / 4.8GHz, 67.5MB

### Processor Sockets

1x FCLGA4677

### Chipset

Intel® W790 Chipset

### Memory

2x 32GB RDIMM DDR5-4800 ECC

### Memory Slots

8 DDR5 DIMM slots, 8 channels capable

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

Up to 1TB (8x 128GB 3DS-RDIMM)

### PCIe® NVMe® Controller

Integrated NVMe® Controller, non-RAID

### PCIe® NVMe® Drive

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

### SATA Controller

Onboard Intel® RSTe SATA

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

Up to eleven 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<sup>[3]</sup>

1400W Platinum Fixed

## DESIGN

### Keyboard

USB Traditional Keyboard, Black, German

### Mouse

USB Calliope Mouse, Black

### Expansion Slots

Supports 7 PCIe® slots with 4x PCIe® 5.0 slots and 3x PCIe® 4.0 slots.

- Slot 1: PCIe® 5.0 x16, full height, full length, 75W, double-width
- Slot 2: PCIe® 4.0 x8, full height, full length, 25W
- Slot 3: PCIe® 5.0 x16, full height, full length, 75W, double-width
- Slot 4: PCIe® 4.0 x4, full height, full length, 25W
- Slot 5: PCIe® 5.0 x16, full height, full length, 75W, double-width
- Slot 6: PCIe® 4.0 x16, full height, full length, 75W
- Slot 7: PCIe® 5.0 x4, full height, full length, 25W

### 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® Gen 5 adapter (PCIe® 5.0 x4) or Quad M.2 to PCIe® Gen 3 (PCIe® 3.0 x4) 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)<sup>[4]</sup>

175 x 508 x 434.4 mm (6.9 x 20 x 17.1 inches, with feet)

### Weight<sup>[5]</sup>

24.5 kg (50.0 lbs, maximum configuration)

## CONNECTIVITY

### Onboard Ethernet

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

### 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® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
- 2x USB-A (Hi-Speed USB / USB 2.0)
- 3x USB-A (USB 10Gbps / 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)

## 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<sup>[6]</sup>

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)

## CERTIFICATIONS

### Green Certifications

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

### ISV Certifications

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

## SOFTWARE

### Operating System

Windows® 11 Pro for Workstations, German

## MODEL

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

**EAN / UPC / JAN** : 0196804811451 **End of Support** : 2031-05-06

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2084?M=30F30010GE>

## 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 (5WS1L39113)
BETTER	3Y Premier Support Plus (5WS1L39110)
GOOD	3Y Keep Your Drive (5PSOL20556)

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



**PSREF**  
Product Specifications  
Reference