

## PERFORMANCE

### Processor

Intel® Xeon® W-2225 (4C / 8T, 4.1 / 4.6GHz, 8.25MB)

### Processor Sockets

1x FCLGA2066

### Discrete Graphics

1x NVIDIA® RTX A2000

### Chipset

Intel C422 Chipset

### Memory

1x 16GB RDIMM DDR4-2933 ECC

### Memory Slots

8 DDR4 DIMM slots, 4 channels capable

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

Up to 512GB (8x 64GB RDIMM)

### M.2 SSD RAID Controller

Integrated NVMe® Controller, non-RAID

### HDD Controller

Onboard Intel RSTe SATA

### SATA/SAS Drive

1x 2TB HDD 7200rpm 3.5" SATA6Gb/s

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

Up to 6x 3.5" SATA HDD / 2.5" SATA HDD / 2.5" SATA SSD + 9x M.2 PCIe® SSD + 1x PCIe AIC SSD

- 3.5" HDD up to 6TB each
- 2.5" SATA HDD up to 500GB each
- 2.5" SATA SSD up to 2TB each
- 2.5" SAS HDD up to 600GB each
- M.2 PCIe SSD up to 2TB each
- PCIe AIC SSD up to 480GB each

### Audio Chip

High Definition (HD) Audio, Realtek® ALC662 codec

### Power Supply

690W Platinum Fixed

## DESIGN

### Keyboard

USB Calliope Keyboard, Black, English

### Mouse

USB Calliope Mouse

### Expansion Slots

Supports 5x PCIe 3.0 slots plus 1x PCI slot.

- Slot 1: PCIe 3.0 x8, full height, full length, 25W, double-width, by CPU
- Slot 2: PCIe 3.0 x16, full height, full length, 75W, by CPU
- Slot 3: PCIe 3.0 x4, full height, full length, 25W, double-width, by PCH
- Slot 4: PCIe 3.0 x16, full height, full length, 75W, by CPU
- Slot 5: PCI, full height, full length, 25W
- Slot 6: PCIe 3.0 x4, full height, half length, 25W, by PCH

### M.2 Slots

Up to 9x M.2 SSD:

- 2 via onboard slots
- 4 via Quad M.2 to PCIe adapter
- 3 via Single M.2 to PCIe adapter

### Bays

- 2x 3.5" disk bay (standard)
- 4x 3.5" disk bay (optional):
  - 2 bays come with 3rd disk or Storage Bay Upgrade Kit
  - 2 bays via flex bay

### Flex Bays

2x flex bays, supports the following:

- 2x half-height optical drives
  - 2x 5.25" 9.0mm optical drives
  - 1x 5.25" 9.0mm optical drive + 2x 3.5"/2.5" SATA SSD/HDD
  - 1x 3.5"/2.5" SATA SSD/HDD with Front Access Storage Enclosure
  - 1x flex module for the following options:
    - Tray 1: 9.0mm optical
    - Tray 2: 15-in-1 USB 3.1 Gen 1 reader, 2x Thunderbolt™, or 4-digit diagnostic display
- Port 1 and 2: Front USB 3.1 Gen 1 Type-C or eSATA

### 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

Intel I219-LM, 1x GbE RJ-45

### Card Reader

SD Card Reader

### Front Ports

- 1x USB 3.2 Gen 1 (Always On and fast charge)
- 3x USB 3.2 Gen 1
- 1x headphone / microphone combo jack (3.5mm)

### Rear Ports

- 2x USB 2.0
- 4x USB 3.2 Gen 1
- 1x Ethernet (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

Kensington® Security Slot™, 3 x 7 mm

## MANAGEABILITY

### System Management<sup>[5]</sup>

Intel® vPro® with AMT 11

## SERVICE

### Base Warranty

1-year, Onsite

## CERTIFICATIONS

### Green Certifications

- ENERGY STAR® 8.0
- ENERGY STAR 8.0 (on model 30BE00B7US)
- 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 DG Windows 10 Pro 64 for Workstations, English

## MODEL

<b>TopSeller</b>	: No	<b>Announce Date</b>	: 2022-04-19
<b>EAN / UPC / JAN</b>	: 196801557123	<b>End of Support</b>	: N/A

Note:

<sup>[1]</sup> The max memory is based on the test results with current Lenovo memory offerings.

<sup>[2]</sup> The storage capacity supported is based on the test results with current Lenovo storage offerings.

<sup>[3]</sup> The system dimensions may vary depending on configurations.

<sup>[4]</sup> The system weight is approximate and based on results in.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/586?M=30BES2F500>

## 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.

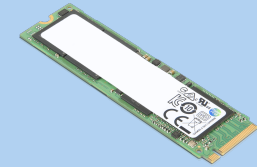
## Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

## 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



### ThinkPad 512GB PCIe NVMe OPAL2 M.2 2280 SSD

4XBOW79581

ThinkPad 512GB PCIe NVMe OPAL2 M.2 2280 SSD is a good choice to upgrade your ThinkPad notebook. It is qualified on select ThinkPad notebooks and is backed by a one year warranty.

## Recommended Services

BEST	3Y Premier Support Plus upgrade from 1Y Onsite (5WS1L39109)
BETTER	3Y Premier Support Upgrade from 1Y Onsite (5WS0T36141)
GOOD	3Y Onsite upgrade from 1Y Onsite delivery (5WS0L20535)

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



**PSREF**  
Product Specifications  
Reference