



Lenovo ThinkSystem SR670 V2
Type 7Z22, 7Z23
Quick Start

In the box

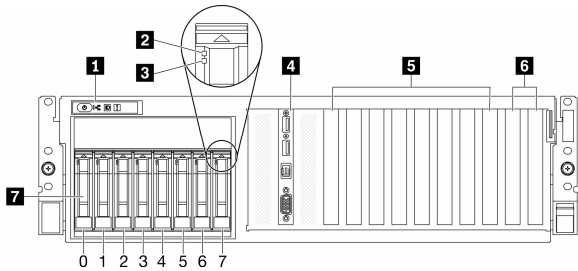
- SR670 V2
- Printed documentation

If any item is missing or damaged, contact your place of purchase. Ensure that you retain your proof of purchase. They might be required to receive warranty service.

First glance

Server front view

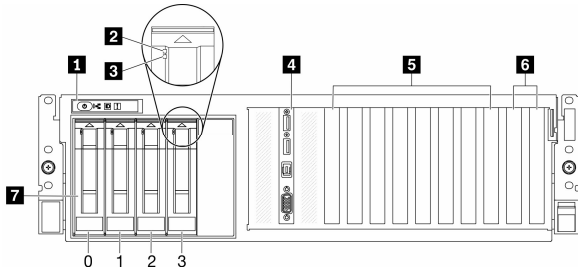
4-DW GPU Model - 2.5-inch drive configuration



1 Front panel	5 PCIe slot 3-6
2 Drive activity LED (green)	6 PCIe slot 1-2*
3 Drive status LED (yellow)	7 2.5-inch drive bays (bay 0-7)
4 Front I/O module	

*Depending on server configuration. See *Maintenance Manual* for more information.

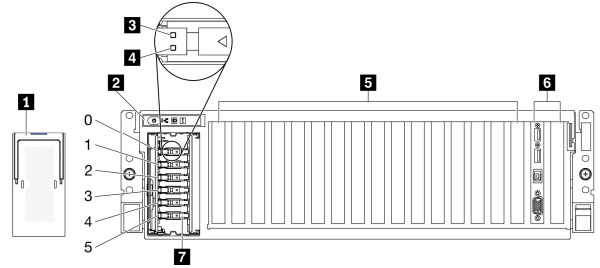
4-DW GPU Model - 3.5-inch drive configuration



1 Front panel	5 PCIe slot 3-6
2 Drive activity LED (green)	6 PCIe slot 1-2*
3 Drive status LED (yellow)	7 3.5-inch drive bays (bay 0-3)
4 Front I/O module	

*Depending on server configuration. See *Maintenance Manual* for more information.

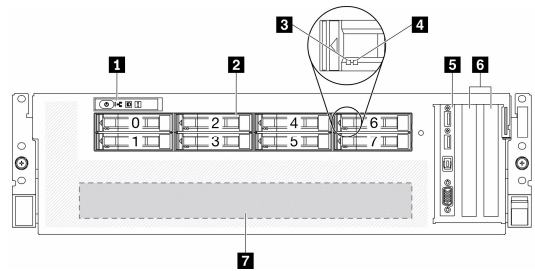
8-DW GPU Model



1 EDSFF drive cage cover	5 PCIe slot 3-10
2 Front panel	6 <ul style="list-style-type: none"> • Front I/O module*, or • PCIe slot 1-2*
3 Drive activity LED (green)	7 EDSFF drive bays (bay 0-5)
4 Drive status LED (yellow)	

*Depending on server configuration. See *Maintenance Manual* for more information.

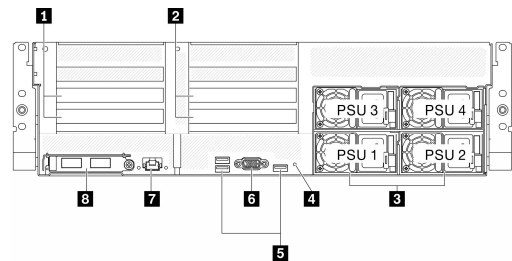
SXM GPU Model



1 Front panel	5 Front I/O module
2 2.5-inch drive bays (bay 0-7) *	6 PCIe slot 1-2
3 Drive activity LED (green)	7 GPU-L2A assembly
4 Drive status LED (yellow)	

*Depending on server configuration. See *Maintenance Manual* for more information.

Server rear view



1 PCIe riser 1 (PCIe slot 15-16) *	5 USB 3.2 Gen 1 connectors (total of three connectors)
2 PCIe riser 2 (PCIe slot 20-21) *	6 VGA connector
3 Power supply units	7 1 GB RJ45 system management port
4 NMI button	8 OCP 3.0 Ethernet adapter*

*Depending on server configuration. See *Maintenance Manual* for more information.

Reduce | Reuse | Recycle



Technical specifications

Dimensions and weight

- Height: 131 mm (5.16 inches)
- Depth: 953.1 mm (37.52 inches)
- Width (with EIA flange): 482 mm (18.97 inches)
- Weight:
 - 4-DW GPU Model: approximately 36.7 kg (81 lbs.)
 - 8-DW GPU Model: approximately 39 kg (86 lbs.)
 - SXM GPU Model: approximately 39.5 kg (87 lbs.)

Processor

The compute node comes with Intel Xeon Processor Scalable Family up to two processors from:

- Intel Xeon® Platinum processor
- Intel Xeon® Gold processor
- Intel Xeon® Silver processor

Memory

- Minimum: 32 GB
- Maximum:
 - RDIMM: 2 TB
 - Persistent Memory Module (PMEM) + RDIMM: 3 TB
- Type:
 - DDR4 RDIMM
 - Persistent Memory Module (PMEM)
- Slots: 32 DIMM slots that support up to 16 PMEMs

Storage

- 4-DW GPU Model supports up to:
 - Eight 2.5-inch hot-swap SAS/SATA/NVME drives
 - Four 3.5-inch hot-swap SATA drives
- 8-DW GPU Model supports up to six hot-swap EDSFF drives
- SXM GPU Model supports four or eight 2.5-inch hot-swap NVME drives

GPU

- 4-DW GPU Model supports up to four DW FH/FL PCIe 4.0 x16 GPUs
- 8-DW GPU Model supports up to eight DW FH/FL PCIe 4.0 x16 GPUs
- SXM GPU Model supports one set of HGX A100 4-GPU

Networking

- OCP 3.0 Ethernet adapter

First Edition (May 2021)

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Setting up the system

1. Install the required components.
2. Install the server into the rack.
3. Make sure the chassis is connected to power.
4. Connect the management controller to the network.
5. Power on the server.
6. Configure the system.

For detailed information about installing hardware options and configuring the system, see the following website:

<http://thinksystem.lenovofiles.com/help/topic/SR670V2/introduction.html>



Where to go for Support

Link	QR Code
 Lenovo Press (Product guides and white papers) https://lenovopress.com/	
 Lenovo Datacenter Systems Forums https://forums.lenovo.com/t5/Datacenter-Systems/ct-p/sv_eg	
 Lenovo Support – SR670 V2 (including drivers and software) http://datacentersupport.lenovo.com/products/servers/thinksystem/SR670v2	
 Lenovo Product Security Advisories http://support.lenovo.com/us/en/product_security/home	
 Lenovo Server Proven (Compatibility information) https://static.lenovo.com/us/en/serverproven/index.shtml	