

In the box

- Server
- Rail kit*
- Cable management arm*
- Material box, including items such as accessory kit, power cords* and documentation

Note: Items marked with asterisk (*) are available on some models only.

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

Front view:

Note: Your server might look different from the following illustrations.

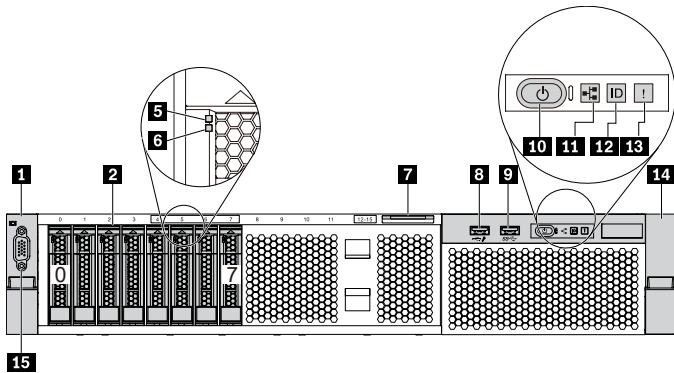


Figure 1. Server models with eight 2.5-inch hot-swap drives (0-7)

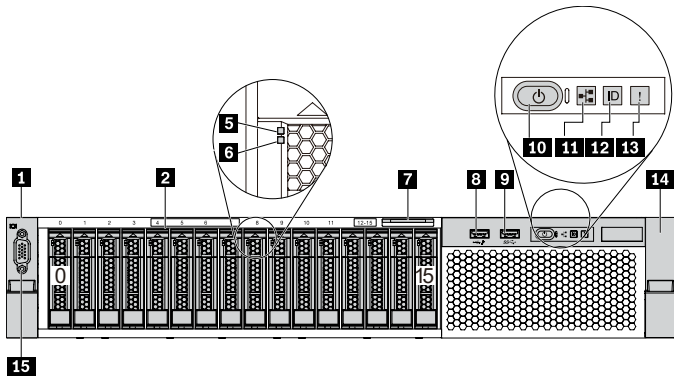


Figure 2. Server models with sixteen 2.5-inch hot-swap drives (0-15)

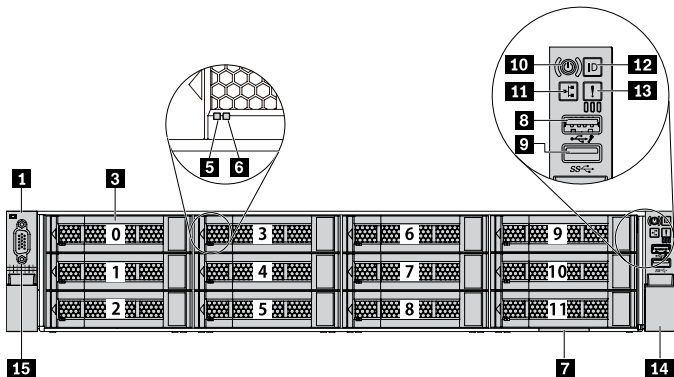


Figure 3. Server models with twelve 3.5-inch hot-swap drives (0-11)

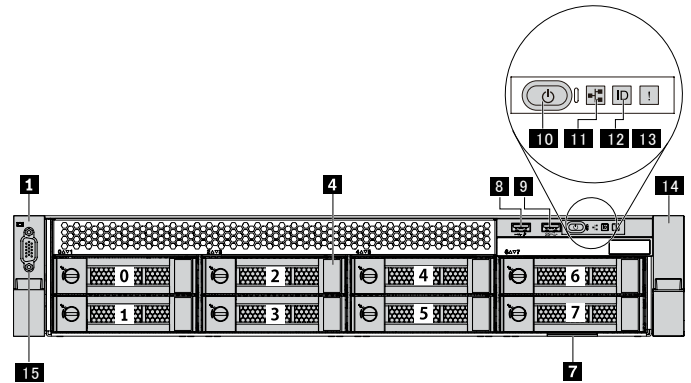


Figure 4. Server models with eight 3.5-inch simple-swap drives (0-7)

1 Rack latch (left)	2 2.5-inch hot-swap drive bays
3 3.5-inch hot-swap drive bays	4 3.5-inch simple-swap drive bays
5 Drive activity LED	6 Drive status LED
7 Pull-out information tab	8 XClarity Controller USB connector
9 USB 3.0 connector	10 Power button with power status LED
11 Network activity LED	12 System ID button with ID LED
13 System error LED	14 Rack latch (right)
15 VGA connector (optional)	

Rear view:

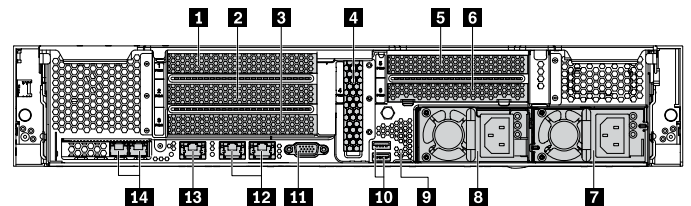


Figure 5. Rear view of the Server

1 PCIe slot 1	2 PCIe slot 2
3 PCIe slot 3	4 PCIe slot 4
5 PCIe slot 5	6 PCIe slot 6
7 Power supply 2 (available on some models)	8 Power supply 1
9 NMI button	10 USB 3.0 connector
11 VGA connector	12 Ethernet connector (RJ-45)
13 XClarity Controller Network connector	14 Ethernet connector on the LOM adapter (available on some models)

Setting up the system

1. Install the required server components.
2. Install the server into the rack.
3. Connect the server to power.
4. Connect the server to the network.
5. Turn on the server.
6. Configure the server.

For detailed information about installing hardware options and configuring the server, see the following Web site:
http://thinksystem.lenovofiles.com/help/topic/7X03/pdf_files.html



Technical specifications

Dimensions and weight

- 2U
- Height: 86.5 mm (3.4 inches)
- Width:
 - With rack latches: 482.0 mm (19.0 inches)
 - Without rack latches: 444.6 mm (17.5 inches)
- Depth: 763.7 mm (30.1 inches)
Note: The depth is measured with rack latches installed, but without security bezel installed.
- Weight: up to 26.0 kg (57.3 lb)

Processor

- Supports (depending on the model):
- Up to two Intel® processors
 - Multi-chip package processor architecture
 - Designed for Land Grid Array (LGA) 3647 socket
 - Scalable up to 20 cores

For a list of supported processors, see the Lenovo ServerProven Web site: <https://static.lenovo.com/us/en/serverproven/index.shtml>

Memory

For Intel Xeon Skylake processors

- Minimum: 8 GB
- Maximum:
 - 384 GB using registered DIMMs (RDIMMs)
 - 768 GB using load-reduced DIMMs (LRDIMMs)
- Type (depending on the model):
 - TruDDR4 2666, single-rank or dual-rank, 8 GB/16 GB/32 GB RDIMMs
 - TruDDR4 2666, quad-rank, 64 GB LRDIMMs
- Slots: 12 slots

For Intel Xeon Cascade Lake processors (available by June 2019)

- Minimum: 8 GB
- Maximum: 768 GB

- Type (depending on the model):
 - TruDDR4 2666, single-rank or dual-rank, 16 GB/32 GB RDIMMs
 - TruDDR4 2933, single-rank or dual-rank, 8 GB/16 GB/32 GB/64 GB RDIMMs
- Slots: 12 slots

Note: Operating speed and total memory capacity depend on the processor model and UEFI settings.

For a list of supported memory, see the Lenovo ServerProven Web site: <https://static.lenovo.com/us/en/serverproven/index.shtml>

Storage










Supports the following drives:

- Up to eight 3.5-inch simple-swap SATA drives
- Up to twelve 3.5-inch hot-swap SAS/SATA drives
- Up to sixteen 2.5-inch hot-swap SAS/SATA drives
- Up to two internal M.2 drives

Networking

- One XClarity Controller network connector
- Two onboard Ethernet connectors (RJ-45)
- Two Ethernet connectors on the LOM card (available on some models)

Where to go for support

Link	QR Code
 Lenovo Press (Product guides and white papers) https://lenovopress.com/	
 Lenovo ThinkSystem forum https://forums.lenovo.com/t5/Datacenter-Systems/ct-p/sv_eg	
 Lenovo Support – SR550 (including drivers and software) http://datacentersupport.lenovo.com/us/en/products/servers/thinksystem/sr550/7X03	
 Lenovo Product Security Advisories http://support.lenovo.com/us/en/product_security/home/	
 Lenovo ServerProven (Compatibility information) http://www.lenovo.com/us/en/serverproven/	