

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 only available on some models.

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.

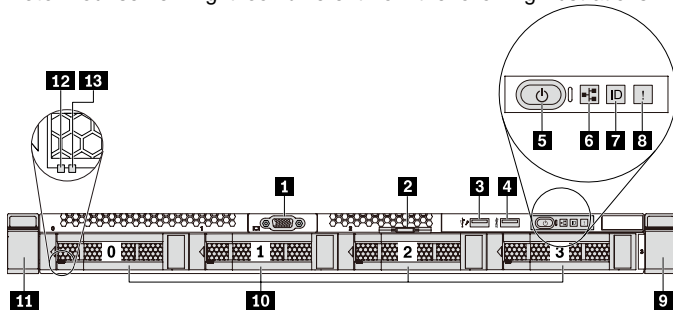


Figure 1. Server models with four 3.5-inch drive bays

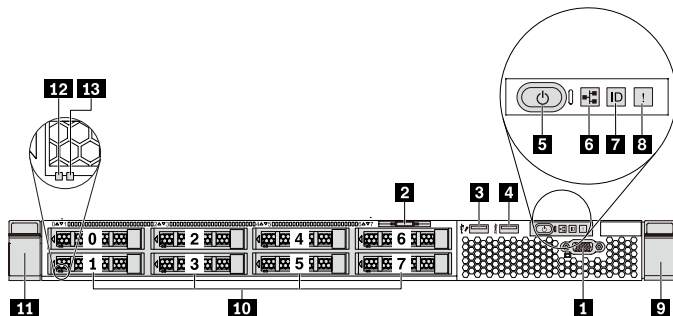


Figure 2. Server models with eight 2.5-inch drive bays

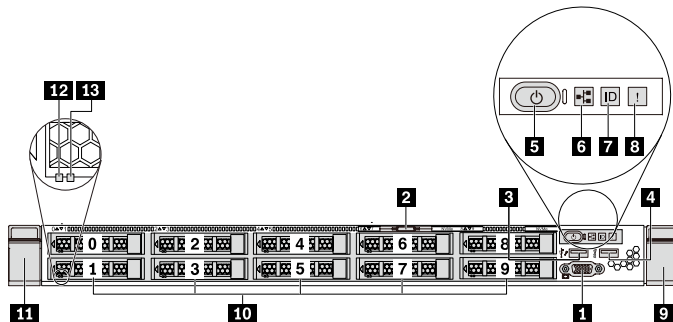


Figure 3. Server models with ten 2.5-inch drive bays

1 VGA connector (available on some models)	2 Pull-out information tab
3 XClarity Controller USB connector	4 USB 3.0 connector
5 Power button with power status LED	6 Network activity LED
7 System ID button with system ID LED	8 System error LED
9 Rack latch (right)	10 Drive bays
11 Rack latch (left)	12 Drive activity LED (green)
13 Drive status LED (yellow)	

Rear view

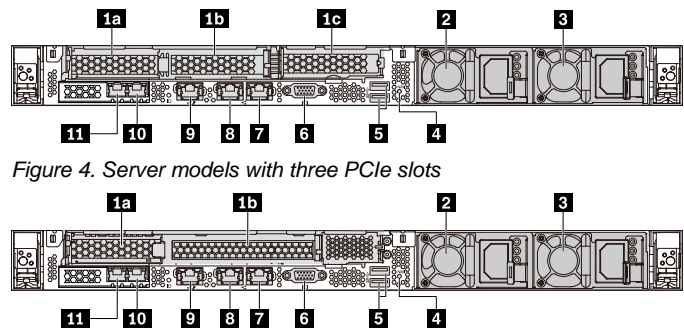


Figure 4. Server models with three PCIe slots

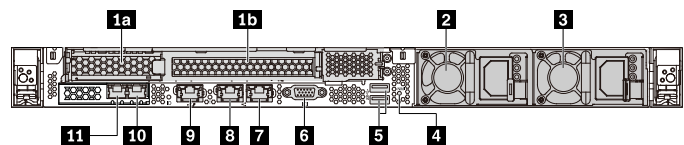


Figure 5. Server models with two PCIe slots

1a PCIe slot 1 on riser 1 assembly	1b PCIe slot 2 on riser 1 assembly
1c PCIe slot 3 on riser 2 assembly	2 Power supply 1
3 Power supply 2 (available on some models)	4 NMI button
5 USB 3.0 connectors (2)	6 VGA connector
7 1 Gb Ethernet connector 2 (RJ-45)	8 1 Gb Ethernet connector 1 (RJ-45)
9 XClarity Controller network connector	10 Ethernet connector 2 on the LOM adapter (available on some models)
11 Ethernet connector 1 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/7Y02/introduction.html>



Technical specifications

Dimensions and weight

- 1U
- Height: 43.0 mm (1.7 inches)
- Width:
 - With rack latches: 482.0 mm (19.0 inches)
 - Without rack latches: 434.4 mm (17.1 inches)
- Depth: 778.3 mm (30.7 inches)

Note: The depth is measured with rack latches and power supply installed, but without security bezel installed.
- Weight: up to 16.0 kg (35.3 lb)

Processor

Supports (depending on the model):

- Up to two Intel® Xeon® processors
- Up to 26 cores
- Designed for Land Grid Array (LGA) 3647 socket

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:
 - 512 GB using registered DIMMs (RDIMMs)
 - 1 TB 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: 16 slots

For Intel Xeon Cascade Lake processors

- Minimum: 8 GB
- Maximum:
 - 512 GB using RDIMMs
 - 2 TB using Intel Optane™ DC Persistent Memory (DCPMMs) and RDIMMs in Memory Mode
- 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 (available by June 2019)
- 128 GB, 256 GB, or 512 GB DCPMMs
- Slots: 16 slots

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

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 four 3.5-inch hot-swap SAS/SATA drives
- Up to four 3.5-inch simple-swap SATA drives
- Up to eight 2.5-inch hot-swap SAS/SATA drives
- Up to ten 2.5-inch hot-swap SAS/SATA/NVMe drives (NVMe drives are supported only in drive bays 6-9)
- 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 adapter (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 – SR570 (including drivers and software) https://datacentersupport.lenovo.com/us/en/products/servers/thinksystem/sr570/7Y02	
 Lenovo Product Security Advisories https://pcsupport.lenovo.com/us/en/%20product_security/home	
 Lenovo Server Proven (Compatibility information) http://www.lenovo.com/us/en/serverproven/	

Reduce | Reuse | Recycle



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