

### 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.

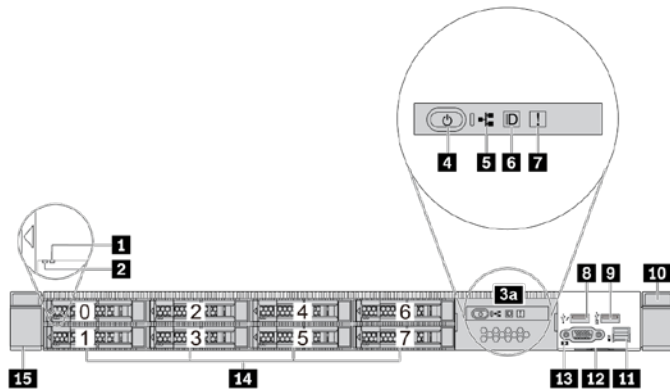


Figure 1. Server model with 8 x 2.5-inch drive bays and pull-out LCD diagnostics panel



Figure 2. Server model with 8 x 2.5-inch drive bays

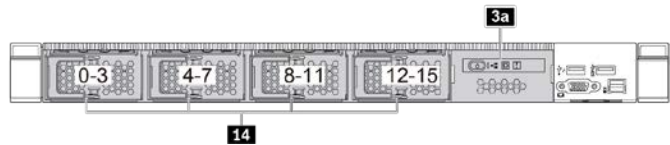


Figure 3. Server model with 16 EDSFF drive bays and pull-out LCD diagnostics panel

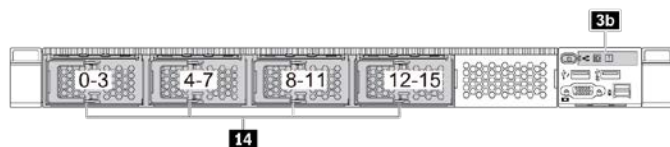


Figure 4. Server model with 16 EDSFF drive bays



Figure 5. Server model with 10 x 2.5-inch drive bays

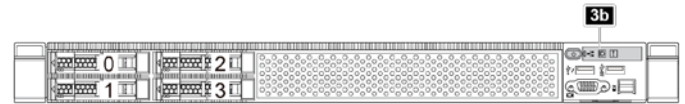


Figure 6. Server model with 4 x 2.5-inch drive bays

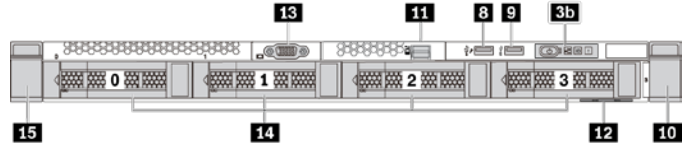


Figure 7. Server model with 4 x 3.5-inch drive bays

<b>1</b>	Drive status LED	<b>2</b>	Drive activity LED
<b>3a</b>	LCD diagnostics panel	<b>3b</b>	Diagnostics panel
<b>4</b>	Power button with power status LED	<b>5</b>	Network activity LED (for OCP 3.0 Ethernet adapter)
<b>6</b>	System ID button with system ID LED	<b>7</b>	System error LED
<b>8</b>	USB 2.0 connector with XClarity Controller management	<b>9</b>	USB 3.2 Gen 1 (5Gbps) connector
<b>10</b>	Rack latch (right)	<b>11</b>	External diagnostics connector
<b>12</b>	Pull-out information tab	<b>13</b>	VGA connector (optional)
<b>14</b>	Drive bays	<b>15</b>	Rack latch (left)

#### Rear view:

**Note:** PCIe slots and connectors on the OCP 3.0 Ethernet adapter are numbered from left to right in the rear view.

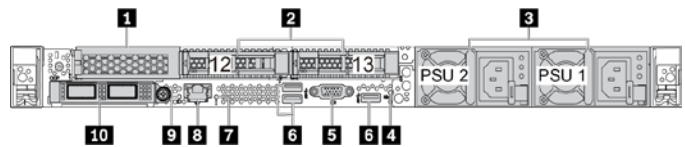


Figure 8. Rear view with one PCIe slot and two 2.5-inch rear drive bays

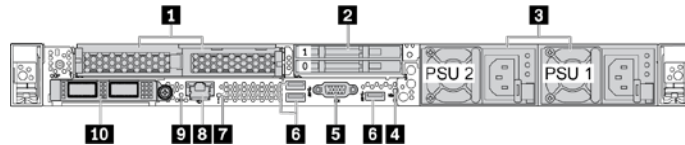


Figure 9. Rear view with two PCIe slots and two 7mm rear drive bays

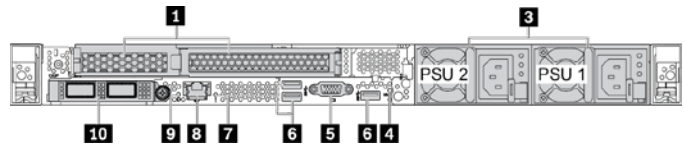


Figure 10. Rear view with two PCIe slots

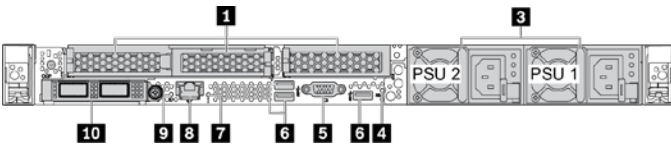


Figure 11. Rear view with three PCIe slots

<b>1</b> PCIe slots	<b>2</b> Rear drive bays
<b>3</b> Power supplies	<b>4</b> NMI button
<b>5</b> VGA connector	<b>6</b> USB 3.2 Gen 1 (5Gbps) connectors (DCIs)
<b>7</b> System error LED	<b>8</b> XClarity Controller network connector
<b>9</b> System ID LED	<b>10</b> Ethernet connectors on OCP 3.0 Ethernet adapter (optional)

## 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:

<https://pubs.lenovo.com/sr630-v2/>



## Technical specifications

### Dimensions and weight

- 1U
- Height: 43.0 mm (1.69 inches)
- Width:
  - With rack latches: 482.0 mm (18.98 inches)
  - Without rack latches: 439.2 mm (17.29 inches)
- Depth: 772.6 mm (30.42 inches)
 

**Note:** The depth is measured without PSU handles or security bezel installed.
- Weight: up to 26.3 kg (57.98 lb)

### Processor

Supports (depending on the model):

- Up to two Intel® Xeon® processors
- Designed for Land Grid Array (LGA) 4189 socket
- Scalable up to 40 cores per socket, 80 cores in total

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

## Memory

- Slots: 32 DIMM slots
- Minimum: 16 GB
- Maximum:
  - 2 TB
  - 8 TB (system memory)
- Type (depending on the model):
  - TruDDR4 3200, dual-rank, 16 GB/32 GB/64 GB RDIMM
  - TruDDR4 3200, quad-rank, 128 GB 3DS RDIMM
  - TruDDR4 2933, octal-rank, 256 GB 3DS RDIMM
  - TruDDR4 3200, 128 GB, 256 GB and 512 GB Intel® Optane™ Persistent Memory (PMEM)

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

## Storage










Supports (depending on the model and installed drive backplanes):

- Front bays:
  - Up to 16 EDSFF drives
  - Up to 10 x 2.5-inch SAS/SATA/NVMe drives
  - Up to 4 x 3.5-inch SAS/SATA/NVMe drives
- Rear bays:
  - Up to 2 x 2.5-inch SAS/SATA/NVMe drives
  - Up to 2 x 7mm drives
- Up to two internal M.2 drives

## Networking

- One XClarity Controller network connector
- Ethernet connectors on OCP 3.0 Ethernet adapter (optional)

## Where to go for support

Link	QR Code
 Lenovo Press (Product guides and white papers) <a href="https://lenovopress.com/">https://lenovopress.com/</a>	
 Lenovo ThinkSystem forum <a href="https://forums.lenovo.com/t5/Data-center-Systems/ct-p/sv_eg">https://forums.lenovo.com/t5/Data-center-Systems/ct-p/sv_eg</a>	
 Lenovo Support – SR630 V2 (including drivers and software) <a href="https://datacentersupport.lenovo.com/products/servers/thinksystem/sr630v2/7z70">https://datacentersupport.lenovo.com/products/servers/thinksystem/sr630v2/7z70</a>	
 Lenovo Product Security Advisories <a href="https://support.lenovo.com/us/en/product_security/home">https://support.lenovo.com/us/en/product_security/home</a>	
 Lenovo ServerProven (Compatibility information) <a href="https://serverproven.lenovo.com/">https://serverproven.lenovo.com/</a>	