



In the box

Your shipping box contains the following items:

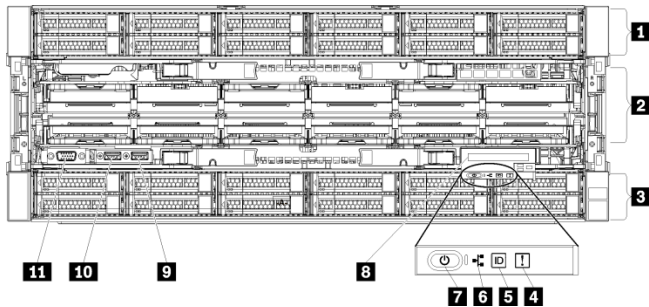
- Lenovo® ThinkSystem SR950 server
- Rail kit
- Material box, including items such as power cords, printed documentation, and a documentation disc

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

First glance

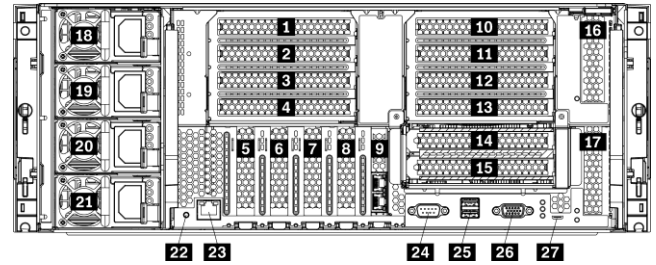
Note: Your server might look slightly different from the illustration.

Front view (front cover removed):



1 2.5-inch-drive bays (12-23) (some models)	2 Fans (1-12)
3 2.5-inch-drive bays (0-11)	4 System error LED (yellow)
5 System ID button/LED (blue)	6 Network activity LED (green)
7 Power-control button/power-on LED (green)	8 Front operator panel with pull-out LCD display
9 USB 2.0 Lenovo XClarity Controller management port	10 USB 2.0 port
11 VGA Video port	

Rear view:



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 PCIe slot 7	8 ML2 x16 network adapter slot
9 LOM adapter slot	10 PCIe slot 10
11 PCIe slot 11	12 PCIe slot 12
13 PCIe slot 13	14 PCIe slot 14
15 PCIe slot 15	16 PCIe slot 16
17 PCIe slot 17	18 Power supply 4
19 Power supply 3	20 Power supply 2
21 Power supply 1	22 NMI button
23 XClarity Controller network connector	24 Serial connector
25 USB 3.0 connectors	26 VGA video port
27 Service only connector	

Setting up the system

To install the server, do the following:

1. Install the required server components.
2. Install the server into the rack. See the *Rack Installation Guide* that was provided with the rail kit.
3. Connect the cables.
4. Turn on the server.
5. Connect the management controller to the network.
6. Configure the system.

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

<https://thinksystem.lenovofiles.com/help/topic/7X12/introduction.html>



Technical specifications

Refer to this section for general specifications of your server.

Dimensions and weight

- Height: 175.8 mm (6.9 in.)
- Depth:
 - EIA flange to rear: 800.0 mm (31.5 in.)
 - Overall: 853.0 mm (33.6 in.)
- Width:
 - Top cover: 447.0 mm (17.6 in.)
 - EIA flange: 483.0 mm (19.0 in.)
- Weight: Approximately 32.6 kg (71.9 lbs.) to 58.7 kg (129.4 lbs.) depending on your configuration.

Microprocessor (model dependant)

The server supports multi-core Intel Xeon microprocessors, with integrated memory controller and Ultra Path Interconnect (UPI)

- Two processors, minimum (expandable up to eight).
- Designed for the LGA 3647-0 socket
- Scalable up to 224 cores (with eight processors installed)

Memory (model dependant)











- Minimum: 32 GB
- Maximum:
 - 6.2 TB using registered DIMMs (RDIMMs) or load reduction DIMMs (LRDIMMs)
 - 24.6 TB using three-dimensional-stacking registered DIMMs (3DS RDIMMs)
 - 36.9 TB using Intel® Optane™ DC persistent memory modules (PMMs)
- PC4-21300 (DDR4-2666), operating speed depends on processor model and UEFI settings
- Slots: 24 dual inline in each compute tray (96 DIMMs, maximum)

Drive expansion bays (model dependant)

Up to 24 2.5-inch hot-swap drive bays:

- Up to 24 SATA/SAS drives (dependent on installed drive backplanes)
- Up to 12 NVMe drives (dependent on installed drive backplanes)

Where to go for support

Link		QR Code
	Lenovo Press (Product guides and white papers) https://lenovopress.com/	
	Lenovo System x Server forums https://forums.lenovo.com/t5/Datacenter-Systems/ct-p/sv_eg	
	Lenovo Support – SR950 (Includes drivers and software) http://datacentersupport.lenovo.com/products/servers/thinksystem/sr950/	
	Lenovo Product Security Advisories https://support.lenovo.com/us/en/product_security/home	
	Lenovo Server Proven (Compatibility information) https://static.lenovo.com/us/en/serverproven/index.shtml	

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