

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/	