Lenovo ST650 V2 ThinkSystem Type 7Z74 and 7Z75 User Manual

ThinkSystem ST650 V2
Type 7Z74 and 7Z75
Quick Start

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In the box

- ST650 V2
- Printed documentation

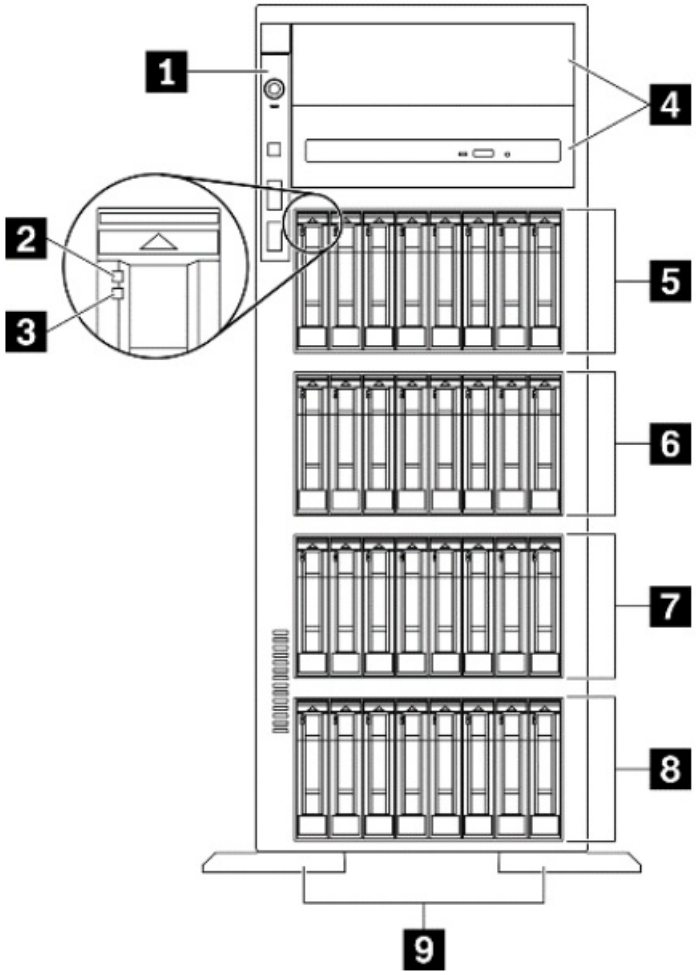
If any item is missing or damaged, contact your place of purchase.
Ensure that you retain your proof of purchase. They might be required to receive warranty service.

First glance

Note: Your server might look different from the following illustrations

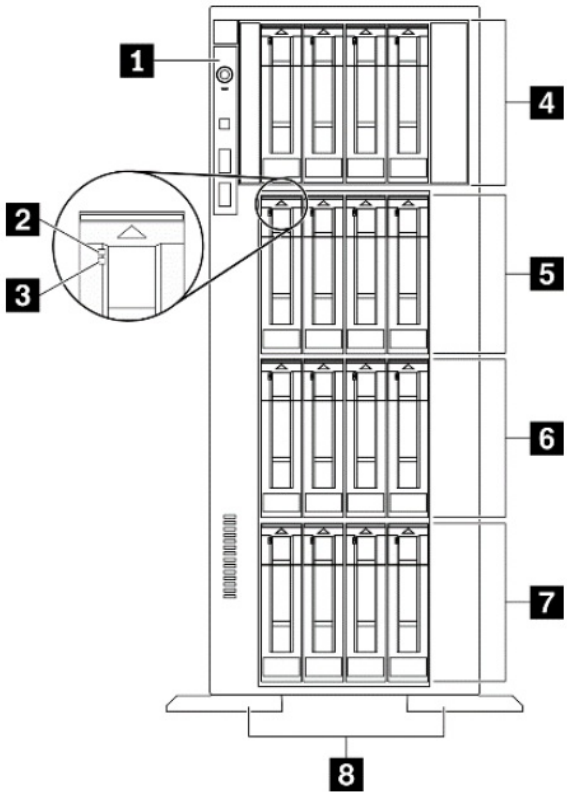
Front view:

Server models with thirty-two 2.5-inch hot-swap drive bays



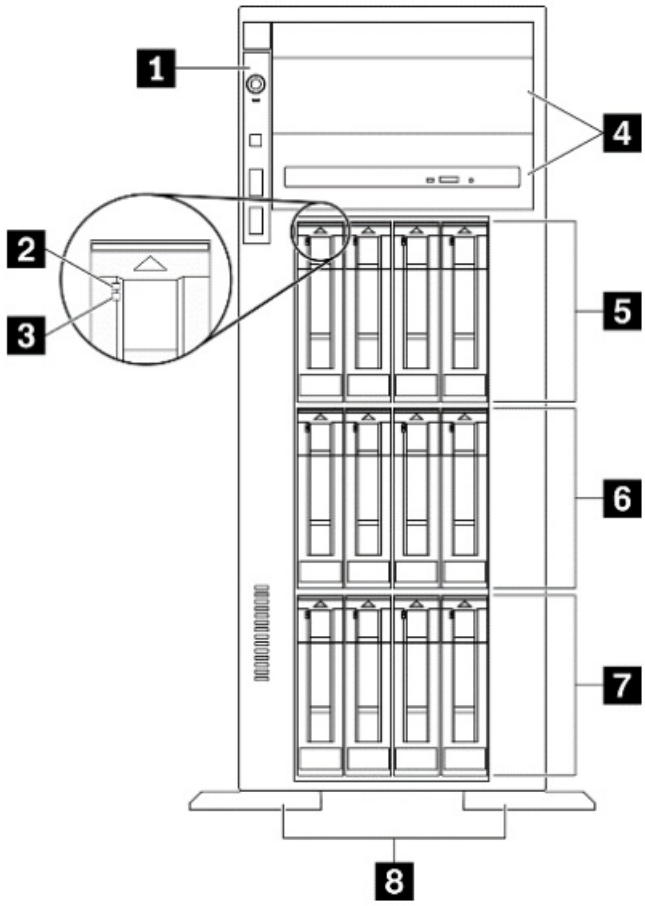
1. Front panel	6.2.5-inch hot-swap drive bays 16-23
2. Drive activity LED (green	7.2.5-inch hot-swap drive bays 8-15
3. Drive status LED (yellow)	8.2.5-inch hot-swap drive bays 0-7
4. Optical-drive bays 1-2	9. Foot stands (optional)
5. 2.5-inch hot-swap drive bays 24-31	

Server models with sixteen 3.5-inch hot-swap drive bays



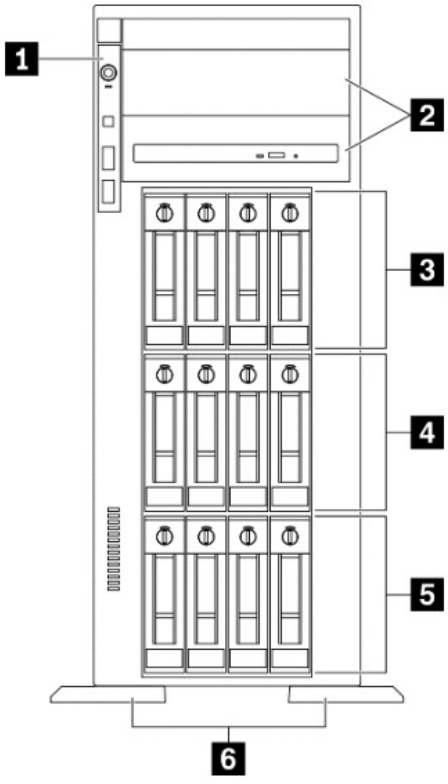
1. Front panel	5.3.5-inch hot-swap drive bays 8-11
2. Drive activity LED (green)	6.3.5-inch hot-swap drive bays 4-7
3. Drive status LED (yellow)	7.3.5-inch hot-swap drive bays 0-3
4.3.5-inch hot-swap drive bays 12-15	8. Foot stands (optional)

Server models with twelve 3.5-inch hot-swap drive bays



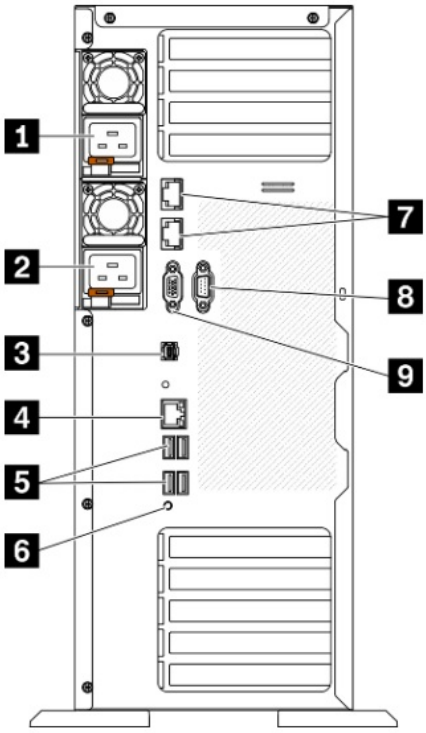
1. Front panel 2. Drive activity LED (green) 3. Drive status LED (yellow) 4. Optical-drive bays 1-2	5.3.5-inch hot-swap drive bays 8-11 6.3.5-inch hot-swap drive bays 4-7 7.3.5-inch hot-swap drive bays 0-3 8. Foot stands (optional)

Server models with twelve 3.5-inch simple-swap drive bays



1. Front panel 2. Optical-drive bays 1-2 3.5-inch simple-swap 3. drive bays 8-11	4.3.5-inch simple-swap drive bays 4-7 5.3.5-inch simple-swap drive bays 0-3 6. Foot stands (optional)

Rearview:



1. Hot-swap power supply 1 2. Hot-swap power supply 2 (optional) 3. External LCD diagnostics handset connector 4.XClarity Controller network connector 5. USB 3.1 Gen 1 connectors (4)	6. NMI button 7.10Gb SFP+ethernet connectors (2) 8. Serial-port-module slot 9. VGA connector

Setting up the system

- Install the required server components.
- Install the server into the rack if necessary.
- Connect the cables.
- Power on the server.
- Configure the system.

For detailed information about installing hardware options and configuring the system, see the following website:
http://thinksystem.lenovofiles.com/help/topic/ST650V2/introduction.html

Technical specifications

Dimensions and weight

- **Height:**
  .Without foot stand: 448 mm (17.64 inches)
  . With foot stand: 461.4 mm (18.17 inches)
- **Width:**
  . Without foot stand: 174.2 mm (6.86 inches)
  .With foot stand: 247.4 mm (9.74 inches)
- **Depth:**
  . Without bezel: 710.8 mm (27.98 inches)
  .With bezel: 733.8 mm (28.89 inches)
- **Maximum weight (depending upon configuration):**
  .2.5-inch drive configuration: 39.28 kg (86.60 lb)
  .3.5-inch drive configuration: 46.23 kg (101.92 lb)

Processor

Your server comes with the following processor, up to two processors from:

- Intel Xeon®Platinum processor
- Intel Xeon®Gold processor
- Intel Xeon®Silver processor

Memory

- Minimum: 16 GB
- Maximum:
  .2048 GB using registered DIMMs (RDIMMs)
  .3072 GB using registered DIMMs (RDIMMs) and
  Persistent Memory Modules (PMEM)
- Type:
  .16 GB, 32 GB, 64 GB TruDDR4 3200 MHz RDIMM
  .128 GB Persistent Memory Modules (PMEM)
- Slots: 32 DIMM slots

Drive bays (varies by model)

- Supports up to twelve 3.5-inch simple-swap drives
- Supports up to sixteen 3.5-inch hot-swap drives
- Supports up to thirty-two 2.5-inch hot-swap drives

Where to go for Support

Link	QRCode
Lenovo Press (Product guides and white papers) https://lenovopress.com/	
Lenovo System x Server forums https://forums.lenovo.com/t5/Datacenter-ystems/ctp/sv_eg	
Lenovo Support – ST650 V2 (including drivers and software) http://datacentersupport.lenovo.com/products/servers/thinksystem/ST650V2	
Lenovo Product Security Advisories http://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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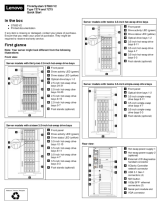
Reduce | Reuse | Recycle

Documents / Resources

	Lenovo ST650 V2 ThinkSystem Type 7Z74 and 7Z75 [pdf] User Manual ST650 V2, ThinkSystem Type 7Z74 and 7Z75

References

- servers :: thinksystem :: st650v2 Lenovo Data Center Support - Lenovo Support US
- Page Not Found - Lenovo Support US
- Lenovo Product Security Advisories and Announcements - Lenovo Support US
- ThinkSystem ST650V2 - ThinkSystem ST650 V2 (7Z74, 7Z75)
- Dotster
- English Community-Lenovo Community
- Lenovo Press
- ServerProven

Manuals+,