



**ThinkSystem SD650 Dual Node DWC Tray
and NeXtScale n1200 DWC Enclosure
Type 7X58 and 5468
Quick Start**



PN: SP47A36245
Printed in China

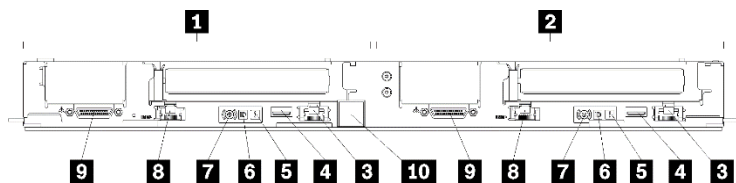
Your shipping box contains the following items:

- n1200 DWC Enclosure
- SD650 Dual Node DWC tray (up to six, installed in the enclosure)
- Material box, including printed documentation

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

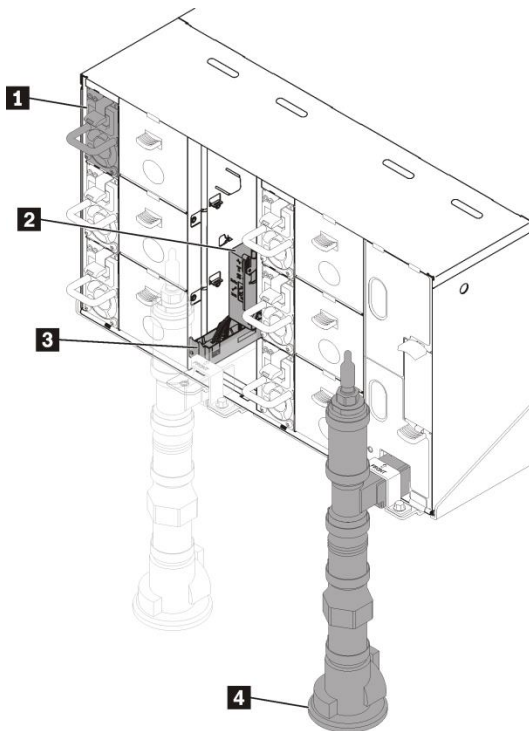
Tray front view:



Server front view	
1 Left node (odd bay numbers)	6 Identification LED (blue)
2 Right node (even bay numbers)	7 Power button/LED (green)
3 Dedicated RJ45 port for Lenovo XClarity Controller access	8 1Gb Ethernet RJ45 port
4 USB 3.0 connector	9 KVM breakout cable connector
5 System error LED (yellow)	10 Tray label

Note:
Depending on the configuration, the illustration above might differ slightly from your server.

Enclosure rear view:



Server rear view	
1 Power supply	3 Drip sensor assembly
2 Fan and Power Control Module	4 Manifold

Setting up the System

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

For detailed information about installing hardware options and configuring the system, see the following website:
<http://thinksystem.lenovofiles.com/help/topic/SD650/introduction.html>



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Technical specifications

Dimensions and weight

- 6U enclosure
 - Height: 263.3 mm (10.37 inches)
 - Depth: 914.5 mm (36 inches)
 - Width: 447 mm (17.6 inches)
 - Weight:
 - Fully configured (stand-alone): approximately 135.5 kg (298 lbs)
 - Empty enclosure (with midplane and FPC): approximately 25 kg (55 lbs)
- Tray
 - Height: 41 mm (1.6 inches)
 - Depth: 742 mm (29.2 inches)
 - Width: 438 mm (17.25 inches)
 - Weight: 17.2 kg (38 lbs)

Processor

- Intel Xeon®







Node memory

- Minimum: 8 GB (single DDR4 DIMM per processor)
- Maximum:
 - 768 GB (12 x 64GB RDIMM)
 - 768 GB (12 x 64GB LRDIMM)
 - 1.536 TB (12x 128GB 3DS RDIMM)
 - 2.384 TB (4x 512GB DC Persistent Memory Module (DCPMM) + 12x 32GB RDIMM) in Memory Mode
- DIMM types:
 - PC4-21300 (dual-rank), 2933 MT/s, error correcting code (ECC), double-data-rate 4 (DDR4) registered DIMM (RDIMM) or load reduced DIMM (LRDIMM)
 - DC Persistent Memory Module (DCPMM)
- Slots: 12 DIMM slots + 4 DCPMM slots per node

Node Storage bays (depending on the model):

- Supports up to two 2.5-inch SATA/NVMe drive bays per node
- Two 2.5-inch 7mm SATA solid-state drives per node
 - One 2.5-inch 7mm-15mm SATA/NVMe hard disk drive/solid-state drive per node

Where to go for support

Link	QR Code
 <p>Lenovo Press (Product guides and white papers)</p> <p>https://lenovopress.com/</p>	
 <p>Lenovo Datacenter Systems Forums</p> <p>https://forums.lenovo.com/t5/Datacenter-Systems/ct-p/sv_eg</p>	
 <p>Lenovo Support – SD650 (including drivers and software)</p> <p>https://datacentersupport.lenovo.com/in/en/products/servers/thinksystem/SD650-DWC-Dual-Node-Tray/7X58</p>	
 <p>Lenovo Product Security Advisories</p> <p>http://support.lenovo.com/us/en/product_security/home</p>	
 <p>Lenovo Server Proven (Compatibility information)</p> <p>https://static.lenovo.com/us/en/serverproven/index.shtml</p>	

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