

## DM/DE Series 2U12 rail kit installation instructions

Using this rail kit, a 2U 12-drive enclosure can be installed in a four-post rack.

### Before you begin

The rail kit includes the following items:

- A pair of slide rails for four-post racks with alignment screws installed for the square-hole rack
- (Optional) rack alignment guide tool
- Flat-head M5 screws pre-installed in rails, qty 8
- Round-head M5 screws pre-installed in rails, qty 2
- Alignment screws

Verify that you have the correct rail type by examining the PN label located on the outer box for the following:

- **Four-Post:** SM17A38396

The kit includes the following types of screws:

Type of hardware	Description	Quantity
Flat-head M5 screw; 14 mm long	You use six M5 screws for attaching the rails to the rack, and two M5 screws for attaching the brackets at the back of the enclosure to the brackets at the back of the rails.	8
Round-head M5 screw; 12 mm long	You use these screws to attach the enclosure to the rails.	2
Alignment screws for racks with square holes 9.4 mm (head) X 7.5 mm (length)	The 9.4mm head screws align the rails in the square-hole rack, 2 in each of 4 corners. <b>Note:</b> Alignment screws for square-hole racks come pre-installed in the rails.	8
Alignment screws for racks with round holes 7 mm (head) X 7.5 mm (length)		8

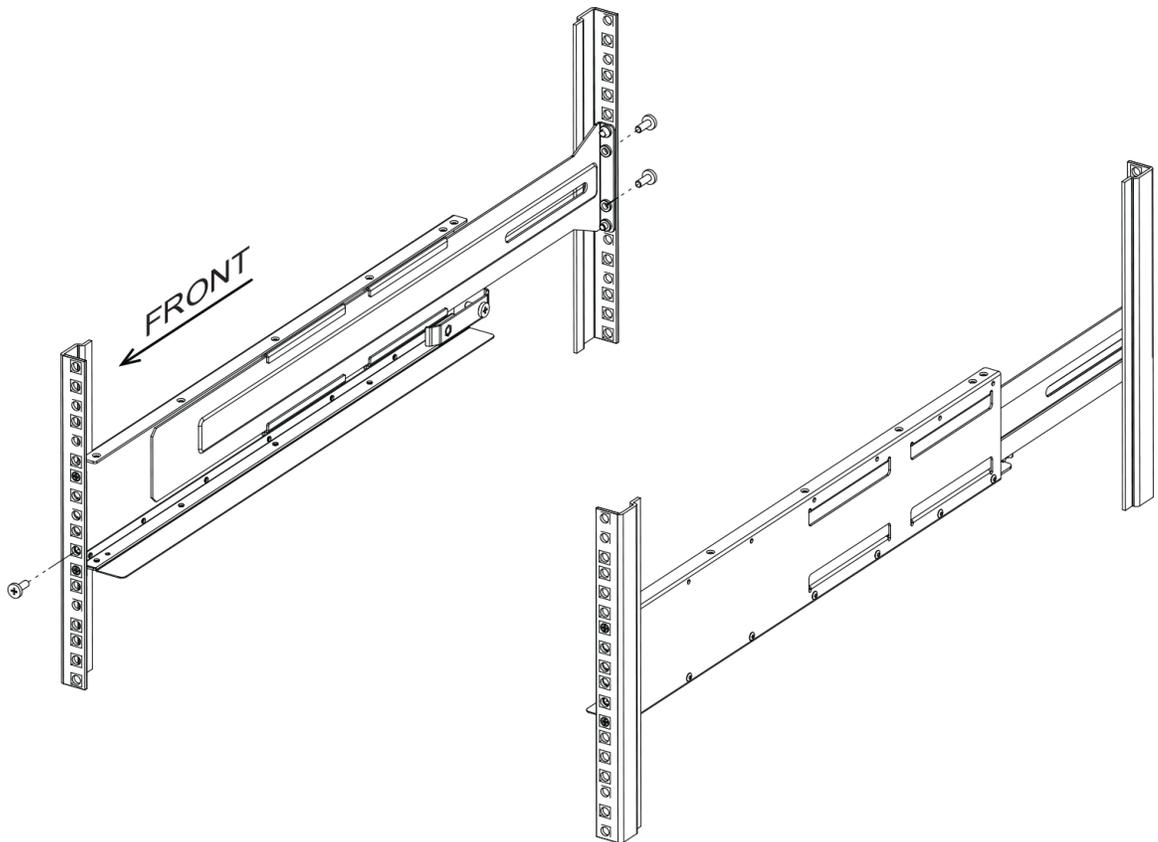
### About this Procedure

- You can install the enclosure in either a square-hole or round-hole rack.
- You must use only the screws that are provided in the kit.

Step 1. Determine where you want to install the enclosure in the rack.  
Use the rack alignment guide tool to ensure that you install the enclosure at the same level on either post of the rack.

**Note:** When possible, install enclosures starting at the bottom of the rack and working up, so that you can use the enclosures underneath as a guide for installing the next set of rails.

- Step 2. Remove the M5 screws from each of the rail ends and the side brackets and saved. Make sure to leave the 8 outer alignment screws (9.4mm head for the square-hole rack) in the rail flanges for proper alignment in the rack.
- If you have a round-hole rack, remove the eight pre-installed square-hole rack alignment screws and install the eight round-hole rack alignment screws.
- Note:** Ensure that you use the screws that are appropriate for your rack.
- Place the rail inside the rack where you want to install the enclosure, and align the alignment screws on the rail with the holes on the front post of the rack.
  - Extend the rail to the back post of the rack until the flanges on the rail touch the inside of the rack.
  - Insert one flat-head M5 screw through the hole in the front of the rack, and two flat-head M5 screws through the holes at the back of the rack.



- Repeat these steps for the other rail.

Step 3. Place the back of the enclosure (the end with the connectors) on the rails.

**Attention:** A fully loaded enclosure weighs approximately 65 lb (29 kg). Two persons are required to safely move the enclosure.

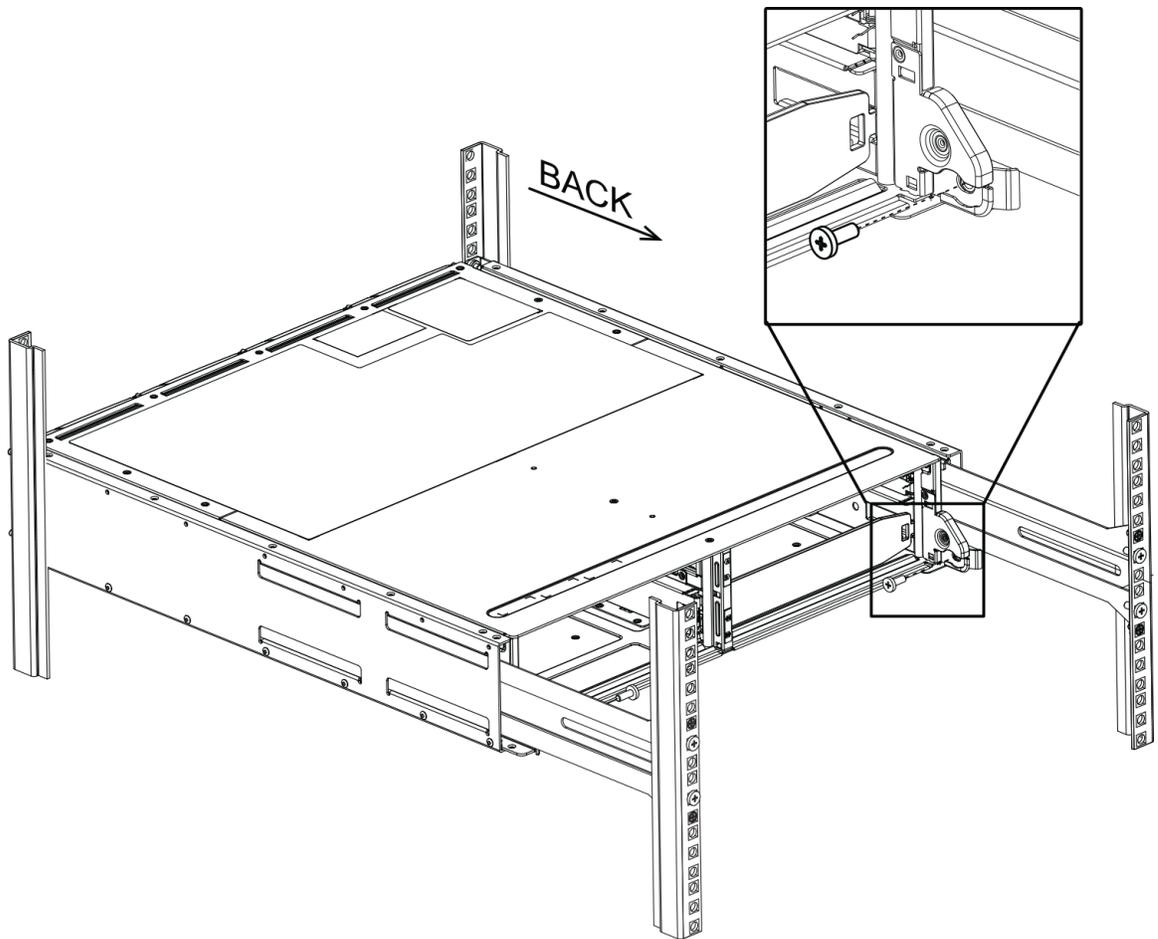
Step 4. Carefully slide the enclosure all the way onto the rails.

**Note:** If applicable, you might need to remove the shelf end caps or the system bezel to secure the enclosure to the rack post; if so, you need to replace the end caps or bezel when you are done.

**Attention:**

- You might need to adjust the rails to ensure that the enclosure slides all the way onto the rails.





- Step 7. If applicable, replace the shelf end caps or the system bezel.
- Step 8. See the appropriate installation instructions or upgrade guide for your shelf or system to complete the installation and setup tasks.  
Documentation can be found on the ThinkSystem documentation Information Center at:  
<http://thinksystem.lenovofiles.com/help/index.jsp>



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