lenovo

Rack Fixed Shelf Installation Instructions

The Rack Fixed Shelf option includes the following items:
- One 19-inch fixed shelf
- Two cage nuts
- Two clip nuts
- Two rear shelf brackets
- Eight screws
- Two cable ties
- Two cable-tie clips
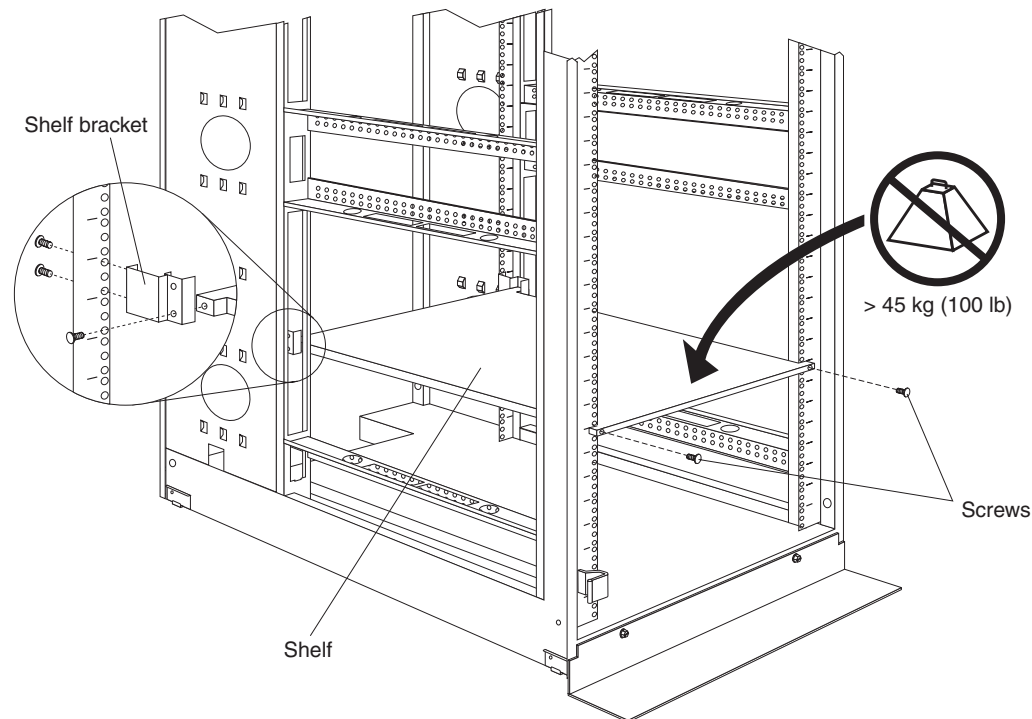- *Lenovo Rack Fixed Shelf Installation Instructions* (this document)

Install the fixed shelf inside a rack to hold some optional devices. A fixed shelf is 0.5-inches high and can support a device that weighs up to 45 kg (100 lb).

Before you install the fixed shelf, read the following information:
- It is easier to install the shelf with two people.
- You need a Phillips or flat-blade screwdriver and a box, open-end, or socket wrench.

To install the fixed shelf in a rack, complete the following steps.

Note: The illustrations in this document might differ slightly from your hardware.
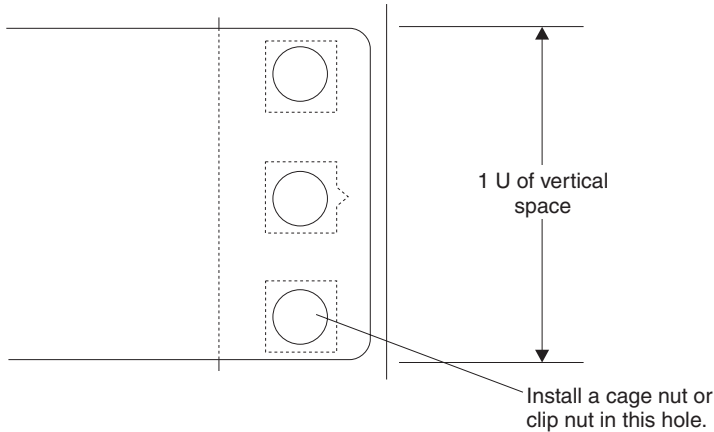
1. Decide the U level where you want to install the shelf.

   Note: Racks are marked in vertical increments of 1.75 inches. Each increment is referred to as a unit, or "U". A 1-U-high device is 1.75 inches tall.

2. Install one cage nut or clip nut on each front mounting rail, in the bottom hole of the U level where you want the shelf.

   Use cage nuts for a rack with square holes; use clip nuts for a rack with round holes. If the rack requires cage nuts, use a cage-nut-insertion tool or a flat-blade screwdriver to install them.

1 U of vertical space

Install a cage nut or clip nut in this hole.

   For more information, see the documentation that comes with your rack.

3. Attach the shelf brackets that come with the fixed shelf to the rear of the shelf (one on the left side, and one on the right side).
4. Tilt the shelf on its side and carefully lift the shelf into the rack.
5. Align the tab on each shelf bracket with a hole on the rear mounting rail. The tabs support the rear of the shelf temporarily, until you can install the screws.
6. Hold the shelf level and line up the shelf front flanges with the cage nuts or clip nuts installed in step 2.
7. Attach the front of the shelf to the rack-mounting flanges using M6 screws and cage nuts or clip nuts.
8. Attach the shelf brackets to the rear of the rack, using two screws for each bracket. If you do not have room for a screwdriver to tighten the rear screws, use a 10 mm open-end wrench.
9. Place the optional device on the shelf and then attach the cable-tie clips and cable ties that come with the shelf option.

   Note: See the documentation that comes with the optional device to be sure that it does not exceed the 45 kg (100 lb) weight limit for this shelf.

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