



Rack mounting instructions

Review the documentation that comes with your rack cabinet for safety and cabling information. Before installing your server in a rack cabinet, review the following information:

- Two or more people are required to install the device in a rack cabinet.
- Make sure that the room air temperature is below 35°C (95°F).
- Do not block any air vents; usually, 15 cm (6 in.) of air space provides proper airflow.
- Do not leave open spaces above or below an installed server in your rack cabinet. To help prevent damage to server components, always install a blank filler panel to cover the open space and to help ensure proper air circulation.
- Install your server only in a rack cabinet with perforated doors.
- Plan the device installation starting from the bottom of the rack cabinet.
- Install the heaviest device in the bottom of the rack cabinet.
- Do not extend more than one device out of the rack cabinet at the same time.
- Remove the rack doors and side panels to provide easier access during installation.
- Connect the server to a properly grounded outlet.
- Do not overload the power outlet when installing multiple devices in the rack cabinet.

You will need a flat-blade screwdriver and a Phillips screwdriver to install the server in the rack.

Statement 4:



≥ 18 kg (39.7 lb)



≥ 32 kg (70.5 lb)



≥ 55 kg (121.2 lb)

CAUTION:

Use safe practices when lifting.

Statement 23



CAUTION:

Do not place any object weighing more than 50 kg (110 lb) on top of rack-mounted devices.



>50 kg (110 lb)

Mounting the rack-cabinet rails into the rack cabinet

Complete the following steps to mount the rack-cabinet rails into the rack cabinet.

Note: If the cabinet rack has round holes, make sure that the locating pins protrude through the holes in the EIA rails to be seated correctly. If the cabinet rack has square holes, the larger locating pins for a square-hole rack cabinet are attached to the sides of the rack-cabinet rails. Be sure to swap out the locating pins if necessary.

1. Locate the following hardware:
 - One rail kit (shipped in the system box).
 - Six knurled thumb screws (come in the rail kit)

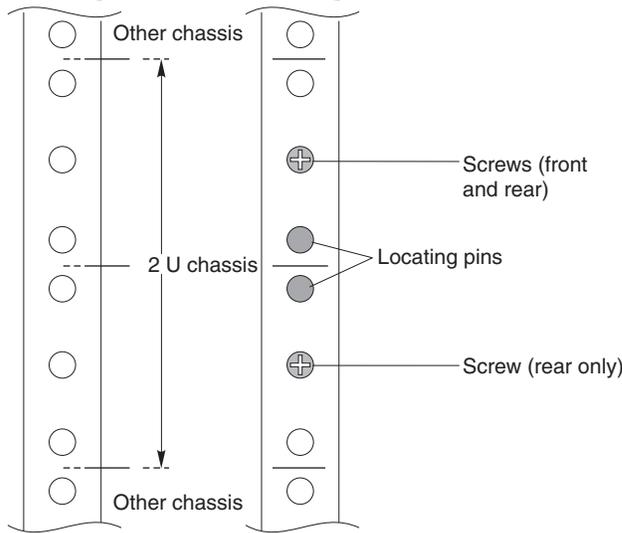


- A Phillips screwdriver
2. Push the adjustable bracket in on the rack-cabinet rail.
 3. Hold the rack-cabinet rail up to the front and rear of the rack-cabinet EIA rail, as close to the final mounting position as possible.

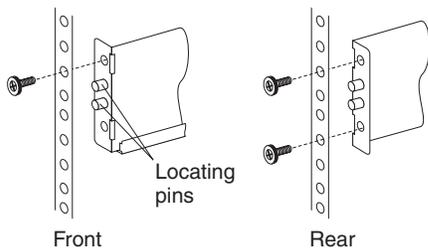
Note: The adjustable bracket goes toward the rear of the rack cabinet.

4. Align the rail so that the front locating pins protrude through the front EIA rail.

The following illustration shows the alignment of the locating pins and screws for the rack-cabinet rails within the EIA rails.



5. Install one thumb screw into the front rack-cabinet EIA rail as shown in the following illustration.



6. Align the rail so that the rear locating pins protrude through the rear EIA rail. You will need to extend the adjustable bracket.
7. Install two thumb screws into the rear rack-cabinet EIA rail.
8. Repeat steps 2 through 7 for the other rack-cabinet rail on the opposite side of the rack cabinet, making sure that the rack-cabinet rails are installed on the same horizontal plane.

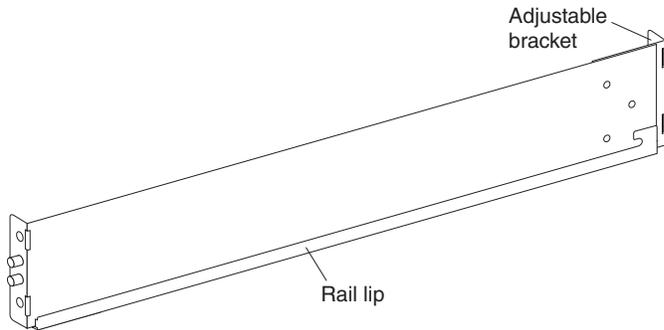
Installing the server into the rack cabinet

CAUTION:

Use two people to lift the server into the rack cabinet.

Complete the following steps to install the server into the rack cabinet:

1. Lift the server with both hands and place the server on the rack-cabinet rails so that the shoulder screws slide along the lips of the rack-cabinet rails, keeping the server level and horizontal.



2. Slide the server into the rack-cabinet as far as it will go.
3. Use the bottom captive screws on the handles that are attached to the front of the server to attached the server to the front rack-cabinet EIA rails, securing the server to the rack cabinet.
4. Tighten all screws completely with a screwdriver.

Note: If you need to remove the server from the rack cabinet to service it, disconnect the cables from the rear of server, remove the bottom screws from the front EIA rails; then, slide the server toward the front of the rack cabinet and lift it out of the rack cabinet.

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