FUJITSU

● PRIMERGY TX150 S6

Installing a pre-attached Rack Conversion kit

Thank you for purchasing the PRIMERGY products. After reading this guide, prepare PRIMERGY for use.

This PRIMERGY TX150 S6 is a rack type server to be used after installed in a rack. This guide explains procedures to install a rack type server into a rack. Please read the information in this guide before using PRIMERGY TX150 S6.

1 Check all the rackmount kit items

The rackmount kit for installation into a rack is supplied with the server. First check that none of the following items are missing. If any items are missing or defective, contact an office listed in the "Contact Information" of the "Start Guide".

☐ Slide rail (the rail bracket is contained): 1 pair

Pin type

[Left]

[Right]

Supplied slide rails may be different from the slide rail seen above.

☐ M3 Flathead screw : 4

☐ M4 Flathead screw : 4

☐ M5 Flathead screw : 4

☐ Washer : 4

☐ M5 Rack nut : 4

2 Installing the server into the rack

The procedure for installation to the server into the rack is explained here.
The left or the right in this manual is defined when the rack is viewed from the front.

- Be sure to secure the rack with stabilizers to prevent the device from tipping over. For details on installing the rack, refer to the "Installation Guide for the RACK" and the manual provided with the rack.
- The weight of the server exceeds 28kg. When you carry the server, make sure more than two people do it to secure the right and left sides and the bottom of the body.

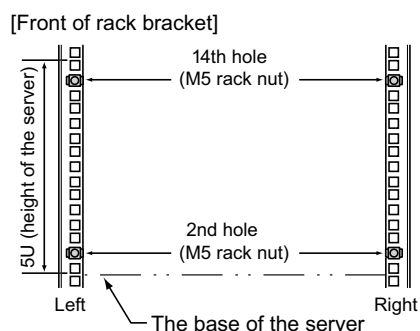**1** Open both the front and rear doors of the rack.

2 Check where to attach the slide rail and rack nuts.

As seen in the figure below, the base surface of the server must be positioned at where the intervals between the rack bracket holes are narrow.

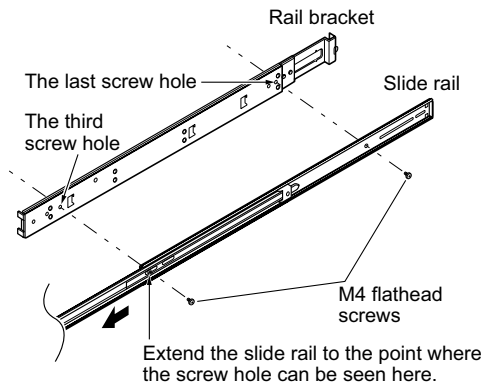[Rack bracket]

The base of the server
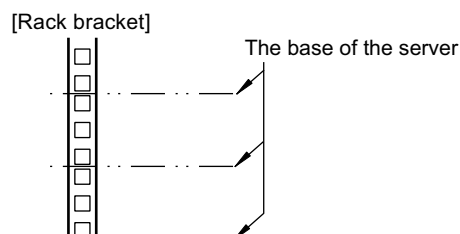
3 Attach M5 rack nuts.

Use 5U per device. Insert the latches of the rack nuts from the inside of the rack bracket into 2nd and 14th holes (counting from the position where the server is installed) to attach the rack nuts.

[Front of rack bracket]

14th hole (M5 rack nut)

5U (height of the server)

2nd hole (M5 rack nut)

Left

Right

The base of the server

4 Join the slide rails to the rail brackets.

Join the rail bracket and the slide rail by using two M4 flathead screws after the slide rail is extended to the position from which a screw hole in front is seen.

Rail bracket

The last screw hole

Slide rail

The third screw hole

M4 flathead screws

Extend the slide rail to the point where the screw hole can be seen here.

For pin type slide rail, pick the protrusion parts of the slide rails to the squared holes of the rail bracket and fasten it with a single M4 flathead screw.
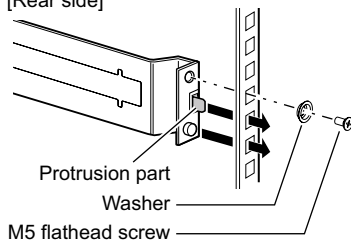
5 Fix the slide rails to the rack.

Fix the slide rails to the rear side first. Fix them by inserting the protrusion of the rail bracket to the 2nd hole and secure them at the 3rd hole using the M5 flathead screws and washer.
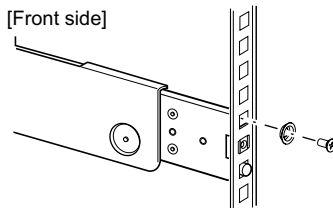Follow the same procedures to fix the front side.

■ Left slide rail fixing procedure

[Rear side]

Protrusion part

Washer

M5 flathead screw

 * For pin type slide rail, screws are necessary.
   Simply insert the protrusion parts to the holes.

[Front side]

There are slide rails for left and right sides. Check the"LEFT" and "RIGHT" marks outside the rail, and fix the server. If slide rails are fixed oppositely, the server can not be installed.

6 Draw out the inner rails, and attach the inner rail to the server.

1. Put the server on so that the ledge parts in the inner rail may put it in the ditch on the server side.

2. Slide the server towards the back until the screw hole in the inner rails and the screw hole in the server side overlap.

3. Fix the inner rail and the server with the M3 flathead screws (Fix each side with two screws).

Server

Inner rail

Fix with the M3 flathead screw.
(Common two places in both sides)
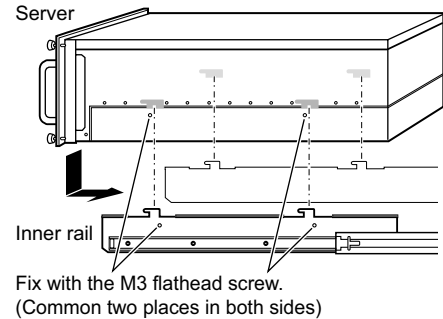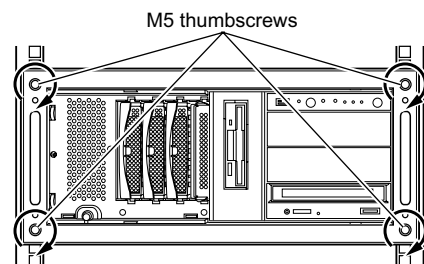
7 Install the server into the rack.

With pressing down the locks of the slide rails to the direction indicated with the arrow in the figure below and slowly install the server to the rack.

Press down to release.

Press up to release.

⚠
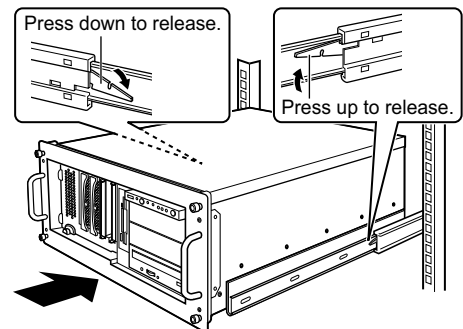
Be careful not to pinch your fingers or catch any clothing when sliding the server into the cabinet. Failing to do so may cause injuries.

8 Fix the server to the rack.

Fix them by using the four M5 thumbscrews.

M5 thumbscrews

3 Connecting peripheral devices after installing the server into the rack

Connect peripheral devices after installing the server into the rack. Use long enough cables because you may pull the server from the rack when necessary.

■ Fixing power cable

To prevent power cable from falling off, fix the cable with the clamp as seen in the figure below after connecting the power cable to the server, especially for when moving the server forward.

Power cable

Hold the power cable with a clamp by pulling the belt of the clamp firmly.
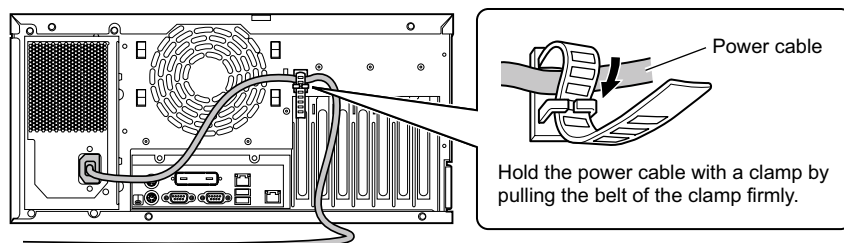
Surely unplug the power connector at the server end when necessary.

■ Cable forming process

After connecting the peripheral devices, tie all the cables and fix them with the release tie to the cable holder provided with the rack. This forming process makes the cables easily recognizable even when multiple servers are installed in the rack.

[The rear side of rack]

Server

Release tie

Cable holder

Cables