Warnings!

⚠ **WARNING**
The rack, chassis or guide rails may cause scratches, please be careful.

When installing new servers into the rack in use, please be aware of electric

- When installing 2U or bigger servers, at least 2 people are needed.

- During the installation process, please don't block the vents on the server, especially the vents on the front and rear of the server.

- Please remove the protective film on the server surface before using.

- Please leave 15cm minimum of clearance on the front and rear sides of the server for proper ventilation.

- Please install air baffles for the position without device installed, to make sure that the server can get enough air flow, and to avoid air turbulence in the server room.

- Servers are high-power electrical appliances, and they should be installed into the dedicated cabinets with vents or professional water-cooled cabinets, to prevent system failures caused by overheating.

- If it needs to install more than one device, please load from the bottom up, and load the heaviest items first.

- Please note the cabinet's bearing capacity, power supply capacity and heat dissipation capacity, be sure not to install devices beyond the cabinet's bearing capacity.

- For the convenience of using the front and rear ports of the server and cabling, leave 70mm minimum of clearance between the front end of the server and the inner side of the cabinet's front door, and leave 150mm minimum of clearance between the rear end of the server and the inner side of the cabinet's rear door.

15kg   If the device is more than 15kg, 2 people are needed at least.

30kg   If the device is more than 30kg, 3 people are needd.eat least.

50kg   If the device is more than 50kg, 4 people are needd.eat least.
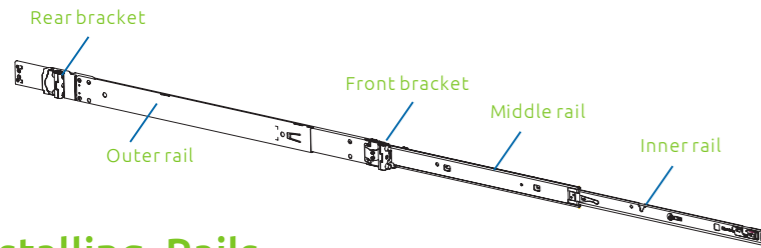
Please keep this document for checking in the future.

GRAFENTHAL
IT PRODUCTS • GERMANY
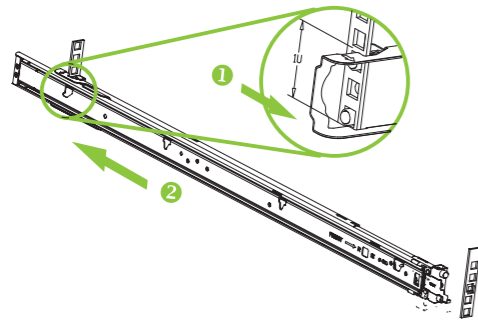
GRAFENTHAL

Rack-mounted Server Installation Guide

Identifying the Rail Kit Contents

Rail Kit is assembled by inner rail, middle rail and outer rail.

Rear bracket
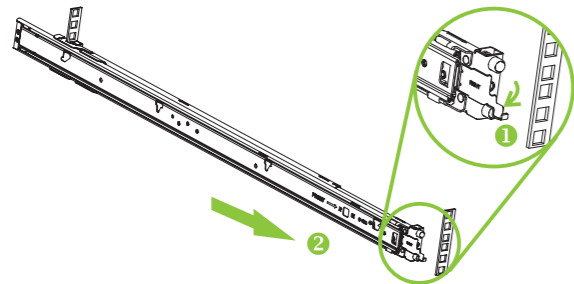
Front bracket

Middle rail

Inner rail

Outer rail

Installing Rails

1 Position the rear bracket and align each pin with the rack holes. ❶ Pull the latch release button on the rear bracket. ❷ Push the rail into the rack until the square pins are fully seated on the rack holes and the latch clicks into place.
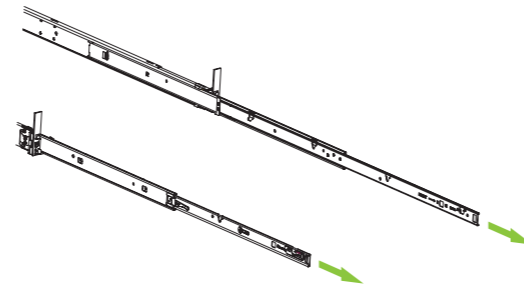
2 Pull up the latch release part on the front bracket.   Push the rail into the rack until the square pins are fully seated on the rack holes and the latch clicks into place.

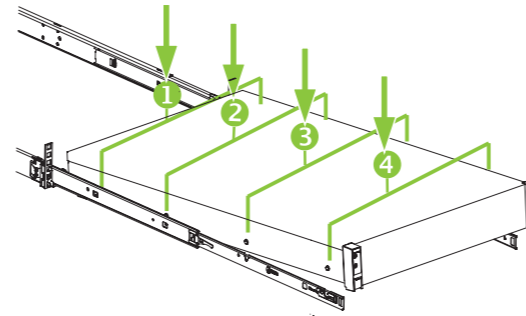⚠ Notice: Keep the front and rear brackets on the same level.

3 Repeat 1 and 2 steps to install the other side. And pull the inner rails out of the rack until they lock into place.
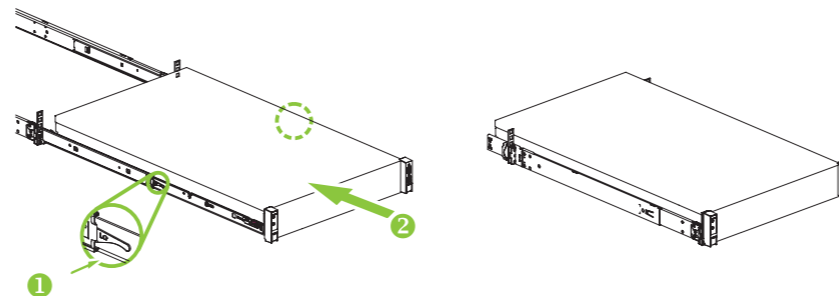
⚠ Notice: Keep the left and right rails on the same level.

4 Align the rail standoffs on each side of the system and lower them into the slots on the rail. Put the system downward until all the rail standoffs are seated in the slots.
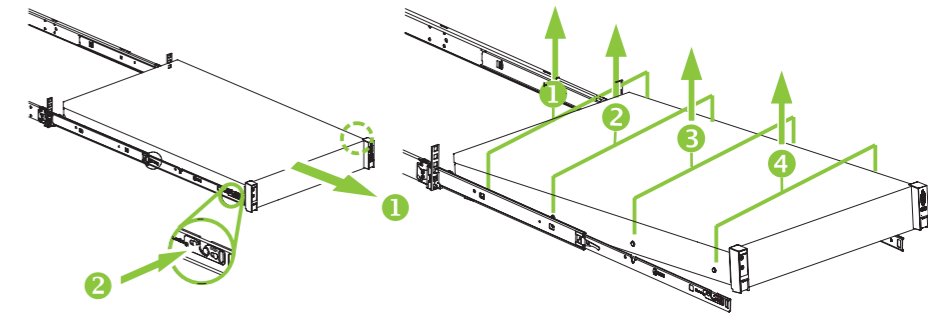
5 Press the side-release lock buttons on both rails and slide the system into the rack.

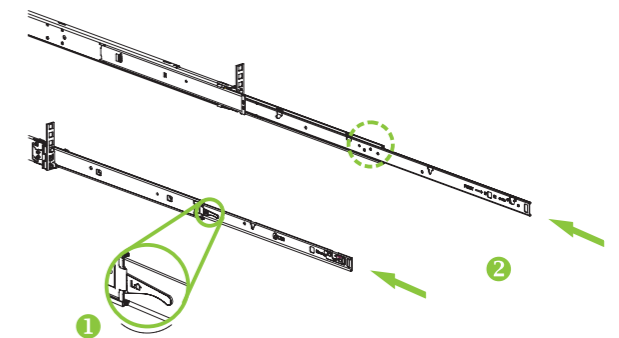6 Locate and tighten the screws under each handle on the system.

Removing Rails

1 Remove the screws from the left and right handles on the system.

2 Pull out the system and press the side-release lock buttons on both rails, and lift the system up and away from rails.

3 Press the side-release lock buttons on both rails and slide the rails into the rack.

4 Remove the rails as the same way of installing.