About this document

This document provides procedures for installing a 4U-size storage server into a rack using the rails provided. HP assumes that you are qualified in servicing computer equipment, and trained in recognizing hazards in products with hazardous energy levels.

Kit contents

1. Rack rail assemblies (2)
2. Server rails (2)

Warnings and cautions

WARNING! Before you begin, make sure that the rack is sufficiently stable. If provided, lower the rack leveler feet and make sure any required stabilizers are installed. If provided, extend the rack anti-tip device. Failure to extend the anti-tip device could result in personal injury or damage if the rack tips over.

CAUTION: Make sure that the rack and all equipment mounted in the rack have a reliable ground connection. Verify that the total current of the rack components does not exceed the current rating of the power distribution unit or outlet receptacles.

Rack planning procedures

The rack resource kit ships with all HP branded or Compaq branded 9000, 10000, and H9 series racks. For more information on the content of each resource, see the rack resource kit documentation.

If you intend to deploy and configure multiple servers in a single rack, refer to the white paper on high-density deployment at the following HP web site:

www.hp.com/products/servers/platforms

Prepare storage server

To remove the shipping bracket from the PCI slots, loosen the thumbscrew (1) and remove and discard the shipping bracket (2).

Storage server installation

1. Install the server rails on both sides of the server chassis.

2. Pull the rail compression lever toward you.

3. Install the rear of one rail assembly into the designated holes at the rear of the rack.

4. Install the front of the rail assembly into the designated holes at the front of the rack.

5. Install the other rail assembly on the opposite side of the rack using the steps above.

6. Pull the inner slide rails on both sides forward until they lock into place. Slide the inner bearing braces forward until they stop.
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NOTE: The shipping bracket is used only to secure the PCI latchs during shipping.
7. Align the server, and insert the server rail into the inner slide rail until the rail-release levers engage.

8. Press the rail-release levers at the front of both server rails, and slide the server into the rack until the locking pin engages.

9. Tighten the thumbscrews to secure the server to the rack.

10. To complete the preparation of your storage server for operation, see the HP ProLiant Storage Server installation instructions that are provided with your server.