

# Intel® Two-Post Rack Bracket Kit AXX2POSTBRCKT Installation Guide

---

**A Guide for Technically Qualified Assemblers of Intel® identified  
Subassemblies/Products**

Intel Order Number: G67230-001



## Disclaimer

Information in this document is provided in connection with Intel® products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel®'s Terms and Conditions of Sale for such products, Intel® assumes no liability whatsoever, and Intel® disclaims any express or implied warranty, relating to sale and/or use of Intel® products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel® products are not designed, intended or authorized for use in any medical, life saving, or life sustaining applications or for any other application in which the failure of the Intel® product could create a situation where personal injury or death may occur. Intel® may make changes to specifications and product descriptions at any time, without notice.

Intel® server boards contain a number of high-density VLSI and power delivery components that need adequate airflow for cooling. Intel®'s own chassis are designed and tested to meet the intended thermal requirements of these components when the fully integrated system is used together. It is the responsibility of the system integrator that chooses not to use Intel® developed server building blocks to consult vendor datasheets and operating parameters to determine the amount of airflow required for their specific application and environmental conditions. Intel Corporation can not be held responsible if components fail or the server board does not operate correctly when used outside any of their published operating or non-operating limits.

Intel, Intel Pentium, and Intel Xeon are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

\* Other names and brands may be claimed as the property of others.

Copyright © 2012 Intel Corporation. All Rights Reserved.

# Safety Information

---

## Important Safety Instructions

Read all caution and safety statements in this document before performing any of the instructions. See also Intel Server Boards and Server Chassis Safety Information on Intel® Deployment & Management DVD and/or at

<http://www.intel.com/support/motherboards/server/sb/cs-010770.htm>.

## Wichtige Sicherheitshinweise

Lesen Sie zunächst sämtliche Warnung und Sicherheitshinweise in diesem Dokument, bevor Sie eine der Anweisungen ausführen. Beachten Sie hierzu auch die Sicherheitshinweise zu Intel-Serverplatinen und Servergehäusen auf der *Intel® Deployment & Management DVD* oder unter

<http://www.intel.com/support/motherboards/server/sb/cs-010770.htm>.

## Consignes de sécurité

Lisez attention toutes les consignes de sécurité et les mises en garde indiquées dans ce document avant de suivre toute instruction. Consultez Intel Server Boards and Server Chassis Safety Information sur le *Intel® Deployment & Management DVD* ou bien rendez-vous sur le site

<http://www.intel.com/support/motherboards/server/sb/cs-010770.htm>.

## Instrucciones de seguridad importantes

Lea todas las declaraciones de seguridad y precaución de este documento antes de realizar cualquiera de las instrucciones. Vea Intel Server Boards and Server Chassis Safety Information en el *Intel® Deployment & Management DVD* y/o en

<http://www.intel.com/support/motherboards/server/sb/cs-010770.htm>.

## 重要安全指导

在执行任何指令之前，请阅读本文档中的所有注意事项及安全声明。和/或

<http://www.intel.com/support/motherboards/server/sb/cs-010770.htm> 上的 *Intel® Deployment & Management DVD*（《Intel 服务器主板与服务器机箱安全信息》）。

## WARNINGS

**Heed safety instructions:** Before working with your server product, whether you are using this guide or any other resource as a reference, pay close attention to the safety instructions. You must adhere to the assembly instructions in this guide to ensure and maintain compliance with existing product certifications and approvals. Use only the described, regulated components specified in this guide. Use of other products/components will void the UL listing and other regulatory approvals of the product and will most likely result in noncompliance with product regulations in the region(s) in which the product is sold.

**System power on/off:** The power button DOES NOT turn off the system AC power. To remove power from the system, you must unplug the AC power cord from the wall outlet. Make sure the AC power cord is unplugged before you open the chassis, add, or remove any components.

**Hazardous conditions, devices and cables:** Hazardous electrical conditions may be present on power, telephone, and communication cables. Turn off the server and disconnect the power cord, telecommunications systems, networks, and modems attached to the server before opening it. Otherwise, personal injury or equipment damage can result.

**Electrostatic discharge (ESD) and ESD protection:** ESD can damage disk drives, boards, and other parts. We recommend that you perform all procedures in this chapter only at an ESD workstation. If one is not available, provide some ESD protection by wearing an antistatic wrist strap attached to chassis ground—any unpainted metal surface—on your server when handling parts.

**ESD and handling boards:** Always handle boards carefully. They can be extremely sensitive to ESD. Hold boards only by their edges. After removing a board from its protective wrapper or from the server, place the board component side up on a grounded, static free surface. Use a conductive foam pad if available but not the board wrapper. Do not slide board over any surface.

**Installing or removing jumpers:** A jumper is a small plastic encased conductor that slips over two jumper pins. Some jumpers have a small tab on top that you can grip with your fingertips or with a pair of fine needle nosed pliers. If your jumpers do not have such a tab, take care when using needle nosed pliers to remove or install a jumper; grip the narrow sides of the jumper with the pliers, never the wide sides. Gripping the wide sides can damage the contacts inside the jumper, causing intermittent problems with the function controlled by that jumper. Take care to grip with, but not squeeze, the pliers or other tool you use to remove a jumper, or you may bend or break the pins on the board.

The Intel<sup>®</sup> Two-Post Rack Bracket Kit (AXX2POSTBRCKT) is designed as an accessory for the following Intel<sup>®</sup> Server Chassis.

- Intel<sup>®</sup> Server Chassis R1000 Product Family
- Intel<sup>®</sup> Server Chassis R2000 Product Family

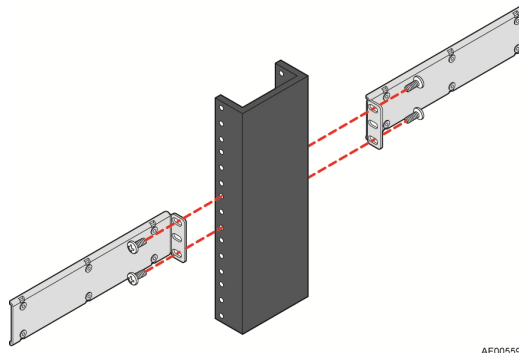
The server chassis can be either center mounted or flush mounted on to the server rack.

*Note: The illustrations show the Intel<sup>®</sup> Server Chassis R1000 Product Family, but the instructions apply to each supported chassis.*

Kit contents	Quantity
Rail	2
Bracket	4
#12-24UNC x ½" screw	8
#6-32UNC x 5mm screw	24

### Installation Option A: Center Mount

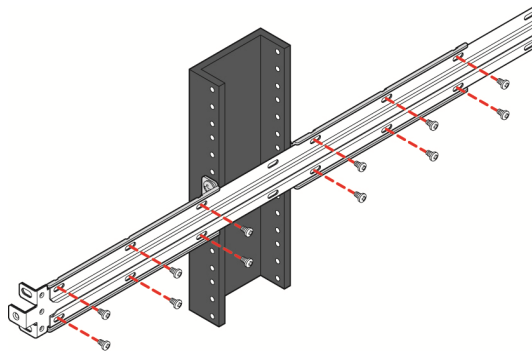
1. Assemble two brackets (front and rear) to C-channel using four #12-24UNC x ½" screws.



AF005597

**Figure 1. Install the brackets**

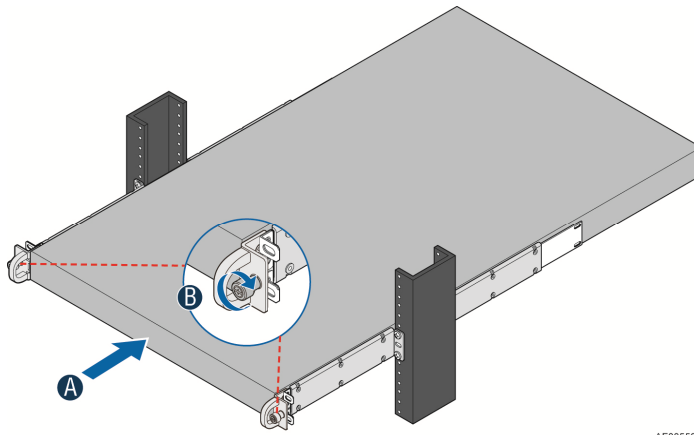
2. Attach the rail to the two brackets and secure it using twelve #6-32UNC x 5mm screws.



AF005598

**Figure 2. Install the rail**

3. With server rack handles pre-installed, slide the server chassis on to rails and fasten the two thumb screws.

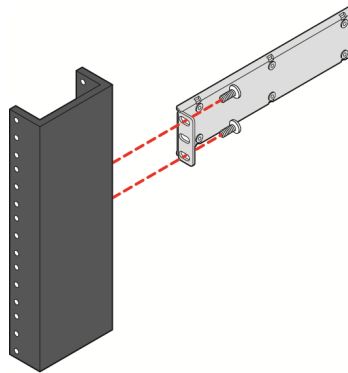


AF005599

**Figure 3. Install the server chassis**

### Installation Option B: Flush Mount

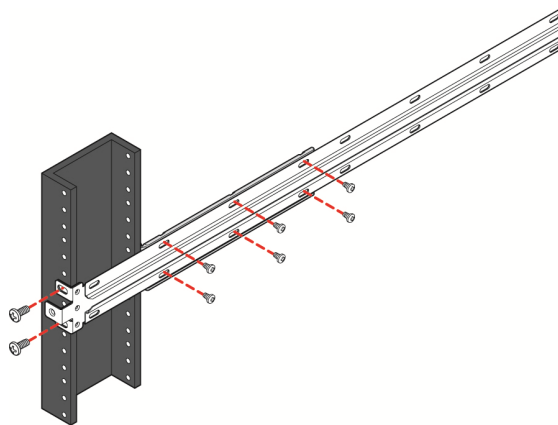
1. Assemble the front bracket to C-channel using two #12-24UNC x 1/2" screws.



AF005605

**Figure 4. Install the bracket**

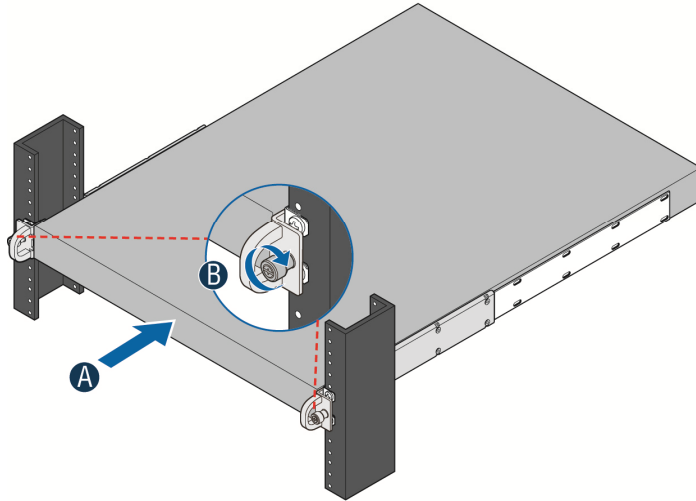
2. Attach the rail to the C-channel and front bracket, secure the rail to the C-channel using two #12-24UNC x 1/2" screws, and then secure the rail to the front bracket using six #6-32UNC x 5mm screws.



AF005606

**Figure 5. Install the rail**

3. With server rack handles pre-installed, slide the server chassis on to rails and fasten the two thumb screws.



AF005607

**Figure 6. Install the server chassis**