

# Intel® Server Chassis SC5600BASE/SC5600BRP/ SC5600LX Quick Start User's Guide

Thank you for buying an Intel® Server Chassis. The following information will help you assemble your Intel® Server Chassis and install components.

If you are not familiar with ESD [Electrostatic Discharge] procedures used during system integration, see the complete ESD procedures described in your User Guide.

This guide and other supporting documents are located on the web at:  
<http://support.intel.com/support/motherboards/server/chassis/sc5600/>



## Supported Server Boards

Your Intel® Server Chassis SC5600BASE supports the following Intel® Server Boards:

- Intel® Server Board S5520HC
- Intel® Server Board S5500HCV
- Intel® Workstation Board S5520SC

Your Intel® Server Chassis SC5600LX or SC5600BRP supports the following Intel® Server Boards:

- Intel® Server Board S5520HC
- Intel® Server Board S5500HCV

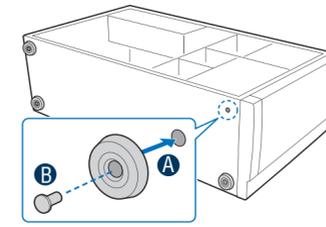
See your Intel® Server Board documentation for specific component integration requirements not addressed in this chassis Quick Start User's Guide.

## 1 Install Feet (pedestal only)

*Note: This step applies to your chassis if configured as a pedestal system. If you plan to configure your chassis as a rack-mount system, go to Step 2.*

- Insert rubber foot into chassis hole.
- Secure foot by inserting pin through the rubber foot.

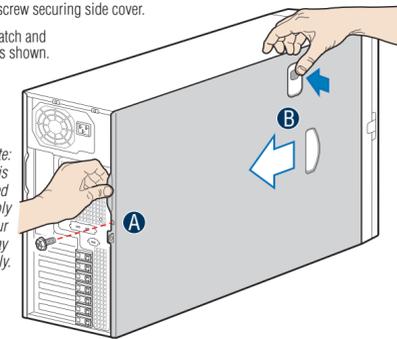
**Note:** Repeat above steps until all four feet are installed.



## 2 Remove the Side Cover

- Remove screw securing side cover.
- Push in latch and remove as shown.

*Note: A chassis with a fixed power supply is shown. Your chassis may differ slightly.*

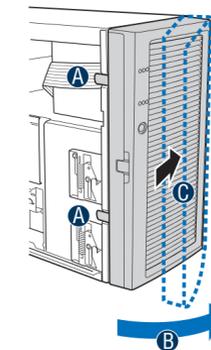


## 3 Remove the Bezel Assembly

**CAUTION:** Do not rotate the bezel assembly more than 40° or you will damage the bezel hooks at the right side of the bezel assembly.

**Note:** The bezel assembly consists of two components, a front door and a sub-bezel.

- Release two plastic tabs.
- Rotate bezel assembly no more than 40-degrees outward. If bezel assembly does not immediately disconnect from the chassis, then remove by tapping the left-hand side of the bezel assembly to disengage the bezel hooks on the right-hand side of the chassis.
- At a 40 degree angle, push bezel assembly away from the chassis.



### Warning

Read all caution and safety statements in this document before performing any of the instructions. Also see the *Intel® Server Board and Server Chassis Safety Information* document at: <http://support.intel.com/support/motherboards/server/sb/cs-010770.htm> for complete safety information.

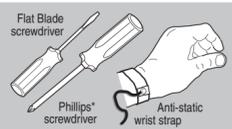
### Warning

Installation and service of this product to be performed only by qualified service personnel to avoid risk of injury from electrical shock or energy hazard.

### Caution

Observe normal ESD [Electrostatic Discharge] procedures during system integration to avoid possible damage to server board and/or other components.

### Tools Required



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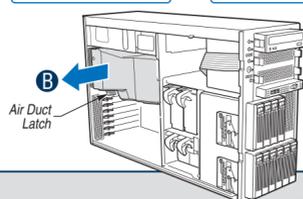
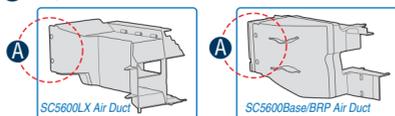
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## 4 Remove the Air Duct

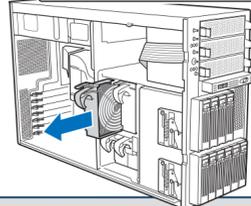
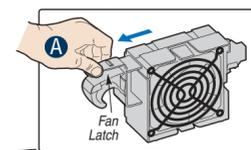
**WARNING:** Improper installation and removal of the air duct can cause damage to the server board. Install and remove the air duct with caution.

- Unlatch the air duct from the chassis by pressing the tab at the rear of the duct, located on the rear system fan bracket. Air duct latch locations are shown in Step 18.
- Grasp the air duct and remove.



## 5 Remove Hot-swap Fans (SC5600LX only)

- Press latch; place finger into handle and pull out hot-swap fans.

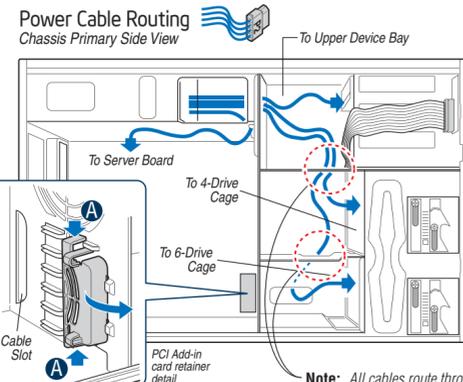


## 6 Install and Route Data and Power Cables to Fixed Drive Bays

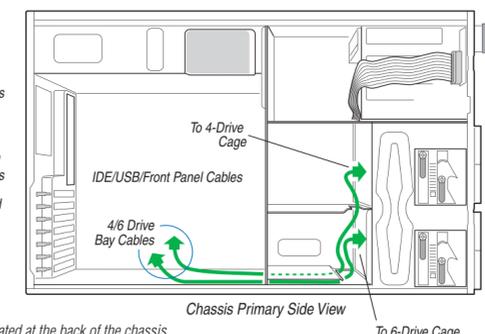
- Press on two plastic tabs and remove PCI add-in card retainer to access cable routing slot.
- Route longest power cables to the 6-drive bay and shorter cables to the 4-drive bay and upper device bay.



*Note: Access openings are located on the secondary side of the chassis to facilitate cable routing if necessary.*



### SAS/SATA Cable Routing



**Note:** Front panel and USB cable are pre-routed by the factory. SAS or SATA cables are supplied with the server board and hot-swap drive accessory kits. No cables are supplied with the fixed drive bay kit.

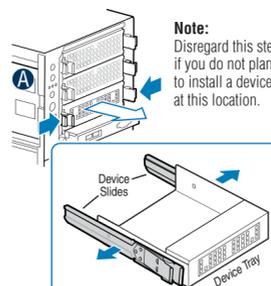
## 7 Install Rack Conversion Kit (optional)

For information on rack conversion refer to the *Rack Conversion Kit Installation Guide*.

**Note:** If you plan to configure your system for a rack mount installation, see the instructions that come with your rack-mount kit for proper device orientation in the upper bay.

## 8 Remove Device Tray and Device Slides

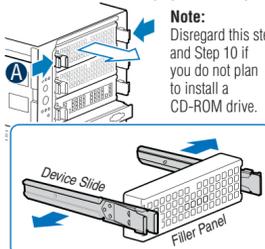
**Note:** Disregard this step if you do not plan to install a device at this location.



- Press each slide inward to release. Pull slides and device tray out of device bay. Remove slides from tray as shown.

## 9 Remove Filler Panel and Device Slides for CD-ROM (optional)

**Note:** Disregard this step and Step 10 if you do not plan to install a CD-ROM drive.



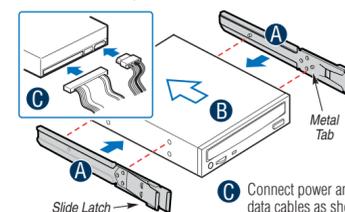
- Press each slide inward to release. Pull slides and filler panel out of device bay. Remove slides from filler panel as shown.

## 10 Install CD-ROM Drive (optional)

*Note: Device slides are "tool-less" and do not require screws.*

Remove filler panel/slide assembly as shown in Step 9.

- Press slide tabs into device mounting holes.
- Insert device/slide assembly into chassis bay until slides lock into place.



- Connect power and data cables as shown.

## 11 Remove HDD Cage(s) (optional)

- Push blue plastic release mechanism upward to release HDD cage.
- Slide hard drive cage out of chassis bay.

**Note:** If you plan to install fixed hard drives, proceed to Step 12.

## 12 Install Additional Drive Bays

For installing SAS/SATA fixed or hot-swap drives into the drive bays, refer to the *Drive Cage Upgrade Kit Installation Guide*.

