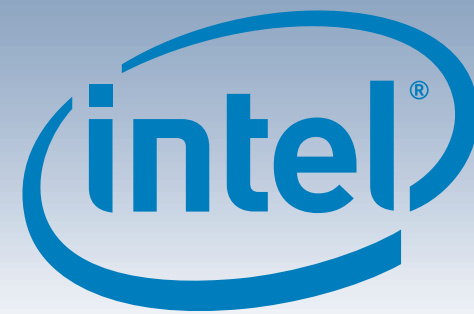


# Intel® Entry Server Chassis SC5299-E DP/WS/BRP Quick Start User's Guide



Thank you for buying the Intel® Entry Server Chassis SC5299-E. The following information will help you to prepare your chassis for integration with your selected Intel® Server Board.

These guides and other supporting documents (including a list of supported server boards) are located on the web at <http://support.intel.com/support/motherboards/server>.

If you are not familiar with ESD (Electrostatic Discharge) procedures used during system integration, please see the Intel® Entry Server Chassis SC5299-E User Guide, available on the CD that came with your Intel® Server Board or at <http://support.intel.com/go/serverbuilder>.

Read all cautions and warnings before starting your server chassis integration.

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<sup>1</sup>Available only to Intel® Channel Program Members, part of the Intel® e-Business Network.

### 1 Remove Side Cover

- 1 Remove two screws.
- 2 Push in latch.
- 3 Slide side cover rearward and remove.

### 2 Remove Front Bezel Assembly

- 1 Lift outward two bezel tabs on left side of bezel assembly to detach bezel assembly from chassis.
- 2 Rotate left side of front bezel assembly outward slightly.
- 3 Disengage three bezel clips that attach the right side of the bezel to the right side of the chassis and remove.

### 3 Remove Tool-less Hard Drive Cage

- 1 Loosen thumb screw. Apply pressure to right side of EMI shield to release EMI shield from hard drive cage.
- 2 Push blue plastic release mechanism upward to unlatch hard drive cage.
- 3 Once released, pull hard drive cage out of chassis.

### 4 Install Tool-less CD-ROM or DVD-ROM Drive

- 1 Remove EMI shield from 5.25-inch device drive bay.
- 2 Make sure latch is in "unlock" position.
- 3 Insert CD-ROM or DVD-ROM drive into device drive bay.
- 4 Line up holes in CD-ROM or DVD-ROM drive with holes in chassis.
- 5 Move latch to "lock" position.
- 6 Connect power (P3 or P4) cables and data cables to rear of CD-ROM or DVD-ROM drive. Data cables are included with the Intel® server board.

#### 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.

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

- Hex nut driver (0.25 in or 6 mm)
- #2 Phillips screwdriver
- Anti-static wrist strap



### 5 Remove Fan Duct / System Fan Assembly

- 1 Remove fan duct / system fan assembly from snap-in bracket on chassis.

### 6 Remove PCI Card Guide

- 1 Press in on two blue tabs.
- 2 Pull PCI card guide outward and remove from chassis.

### 7 Remove Processor Air Duct

- 1 Remove processor air duct (two screws).  
Note: Save these screws.

### 8 Install Server Board

See your Intel® Server Board *Quick Start User's Guide* for server board installation instructions and installation of the back panel I/O shield.

Use the mounting screws, bumpers and standoffs (if necessary) that came with your chassis to secure the server board to the chassis.

Return to this document when finished.

### 9 Re-install Processor Air Duct

This duct should only be used with Active Thermal Solutions.  
DO NOT USE with a Passive Thermal Solution.

- 1 Lower processor air duct into chassis and line up with two mounting holes in chassis.
- 2 Attach to chassis using the two screws you saved from Step 7.