Intel® Server System SR1560SF Quick Start User's Guide

Thank you for buying an Intel® Server System. The following information will help you assemble your Intel® Server System SR1560SF and install components.

This guide and other supporting documents 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® Server System SR1560SF Service Guide, available on the Intel® Server Deployment Toolkit 2.0 CD or at

http://support.intel.com/support/motherboards/server/s5400sf/index.htm.

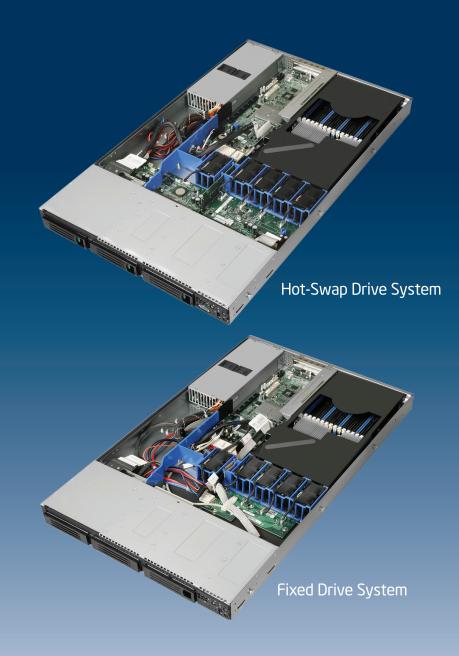


Please boot to the Intel® Server Deployment Toolkit 2.0 CD first for BIOS and firmware configuration and updates.

A Orient the processor so

that its cutouts match

Read all cautions and warnings first before starting your server system integration.





Minimum Hardware Requirements

To avoid integration difficulties and possible damage to your system, make sure you have components from each category below.

■ Processor: Minimum of one Multi-Core Intel® Xeon®

For a complete list of supported processors, see http://support.intel.com/support/motherboards/ server/s5400sf/index.htm

- Heat Sink: • 1U passive heat sink for each processor
- Minimum of one 512MB, DDR2 FBDIMM 667/800 MHz compliant 240-pin DIMM. For a complete list of tested memory, see http://support.intel.com/support/motherboards/ server/s5400sf/compat.htm
- SATA/SAS (hot-swap drive system) • SATA (fixed drive system)

Preparing the Chassis

Observe normal ESD (Electrostatic Discharge) procedures.

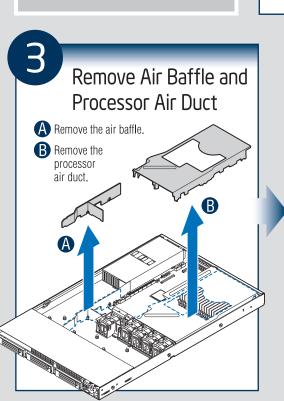
Place your Intel® Server System on a flat anti-static surface to perform the following integration procedures. Always touch the chassis frame first, before reaching inside to make server board connections or to install components.

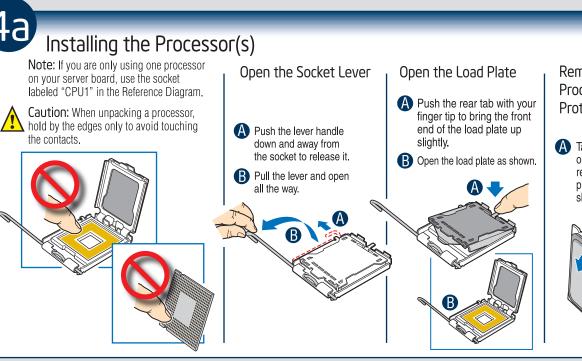


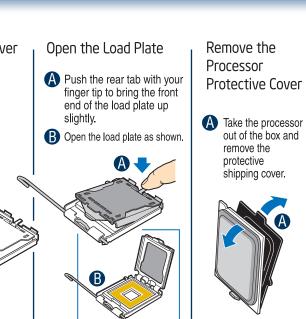
IMPORTANT! 1

Before proceeding further, do the following:

Check your Intel® Server System for disconnected or loose cables and components that may have occurred during shipping.





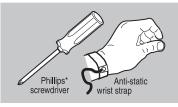


Read all caution and safety statements in this document before performing any of the instructions. Also see the Intel® Server Board and Server Chassis Safety Information document at: http://support.intel.com/support/ motherboards/server/sb/cs-010770 .htm for complete safety information.

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

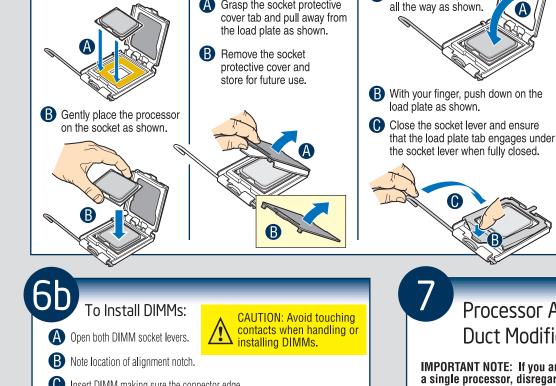
Caution

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



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Installing the Processor(s) continued..

Remove Socket

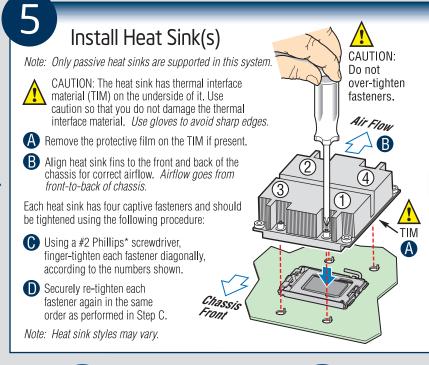
Protective Cover

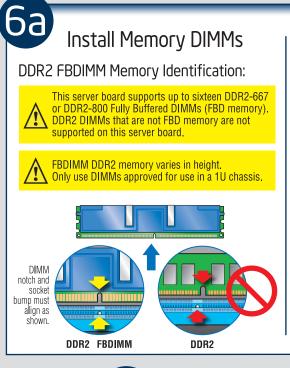
A Grasp the socket protective

Close Load Plate

and Socket Lever

A Close the load plate





Memory Configurations and Population Order: Memory Type: Minimum of one 512MB, DDR2 FBDIMM 667/800 MHz-compliant 240-pin DIMM. DIMMs must be populated in matching pairs across channels within a given branch. When populating DIMM pairs, the population order would be as follows: DIMM A1 DIMM A2 — A1 & B1; C1 & D1; A2 & B2; C2 & D2; A3 & B3; C3 & D3; A4 & B4; C4 & D4; DIMMs that makeup a given pair must match with respect to size, speed, and organization. DIMM size from one DIMM pair to another can be different. However, speed and organization must be the same. For example: DIMM pair A1 and B1 are populated with x8 1GB DDR2-667 DIMMs. DIMM pair C1 and D1 can be populated with x8 2GB DDR2-667 DIMMs Note: For additional memory configurations, see the Service Guide on the CD that accompanied your Intel® Server Board S5400SF, or go to: Memory sizing and configuration is supported only for qualified DIMMs

approved by Intel®. For a list of supported memory, see the tested memory list at

