

Intel® Server Board SE7500CW2 Quick Start User Guide

Start Here

Thank you for buying an Intel® server board. The following information will help you prepare your server board for integration with your selected server chassis.

This Guide is for technically qualified persons. Expanded installation instructions and complete product information are available in the *Intel® Server Board SE7500CW2 Product Guide* located on the Resource CD. Translations of the *Intel Server Board Product Guide* are available at:

您可在下列网址上查阅到 Intel 服务器主板产品指南的译文:
La traducción de la Guía del Producto Intel Server Board se encuentra disponible en:

<http://support.intel.com/support/motherboards/server/SE7500CW2>

Minimum Hardware Requirements

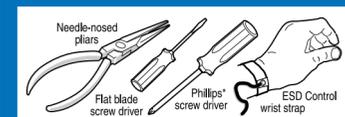
To avoid integration difficulties and possible board damage, your system must meet the following minimum requirements:

- **Processor:** Minimum of one 1.8 GHz Intel® Xeon™ processor with 512K cache support.
- **Memory:** Minimum of two 128 MB 3.3 V, Registered, DDR 200/266 compliant SDRAM on 184-pin DIMMS.
- **Power Supply:** Minimum of 450 W with 1.2 A +5 V standby current and +12 V CPU power support [ATX].

For a list of qualified memory and chassis components, see: <http://support.intel.com/support/motherboards/server/SE7500CW2>

Before you begin

You will need the following tools and equipment:



See the *Intel Server Board SE7500CW2 Product Guide* for product Safety and EMC regulatory compliance information.

If you are not familiar with ESD [Electro-Static Discharge] Procedures to be used during system assembly, complete ESD Control Procedures are described in your *Intel Server Board SE7500CW2 Product Guide*.

Additional resources and support for your server board, including specifications and software updates, can be found at: <http://support.intel.com/support/motherboards/server/SE7500CW2>

Build Value With Intel

Server Products, Programs and Support

Get the high-value server solutions you need by taking advantage of the outstanding value Intel provides to system integrators:

- High-quality server building blocks
- Extensive breadth of server building blocks
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- Comprehensive training services †
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- World-class service, including a three-year warranty and Advanced Warranty Replacement †

For more information on Intel's added-value server offerings, visit the **Intel® ServerBuilder** website at: www.intel.com/go/ServerBuilder

Intel ServerBuilder is your one-stop shop for information about all of Intel's Server Building Blocks such as:

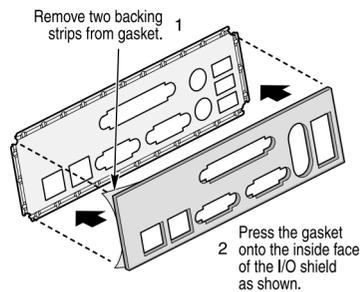
- Product information including product briefs and technical product specifications
- Sales tools such as videos and presentations
- Configurator Tools to help you build complete solutions
- Training information such as the Intel® Online Learning Center
- Support Information and much more

†Available only to Intel® Channel Program Members, part of Intel® e-Business Network.

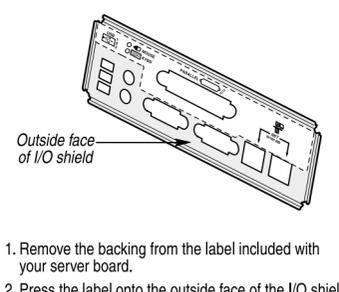
Go to SIDE 2 to finish configuration

1 Installing the I/O Shield and Gasket

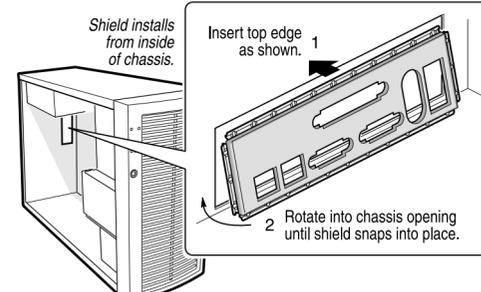
A Attaching the Gasket to the I/O Shield



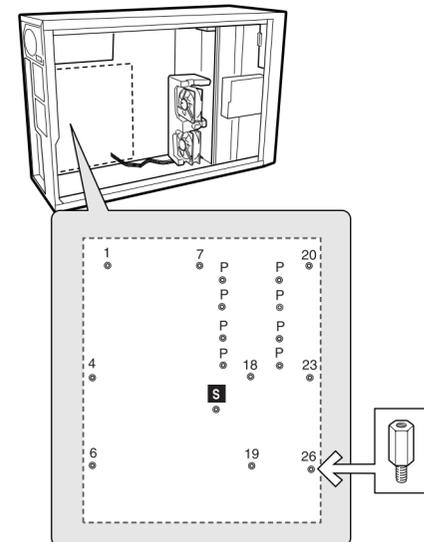
B Attaching the Label to the I/O Shield



C Installing the I/O Shield



2 Installing Chassis Standoffs

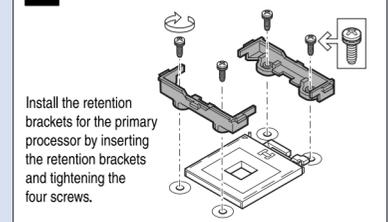


For installation in the SC5200 chassis, install standoffs in positions 7, 18, 19, P, and S. Chassis comes with positions 1, 4, 6, 20, 23, and 26 preinstalled. Standoffs are included with your chassis.

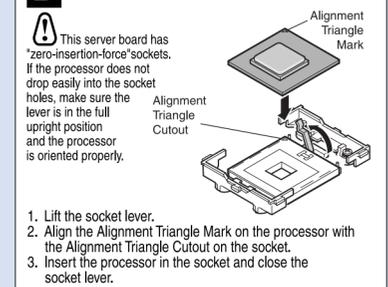
6 Installing the Processor[s]

Note: If installing only one processor, it must be installed in the Primary Processor Socket, which is closest to the corner of the server board. If installing a second processor, verify that the processors are identical, same voltage and speed.

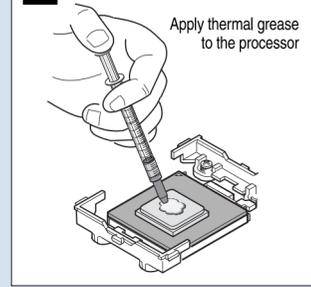
A Installing the Retention Brackets



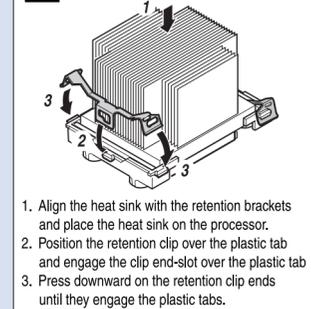
B Attaching the Processor



C Applying Thermal Grease



D Attaching the Heat Sink

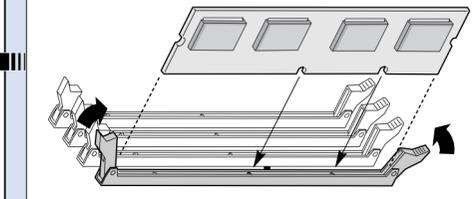


5 Installing Memory

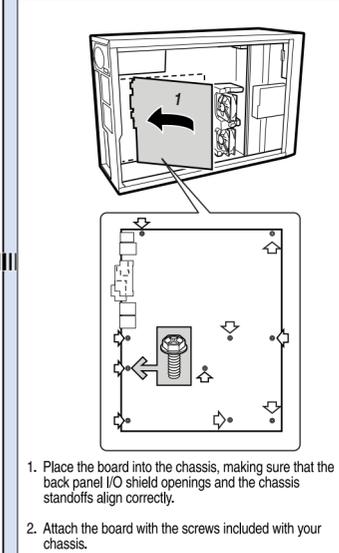
DIMM Memory Modules

Note: See "Minimum Hardware Requirements" in the Start Here box (above left) for correct DIMM specifications. DIMMs must be installed in pairs. Bank 1 (DIMMs 1A and 1B) must be installed before Bank 2 (DIMMs 2A and 2B).

1. Open both DIMM socket levers.
2. Insert DIMM making sure the connector edge of the DIMM aligns correctly with the slot.
3. Check that socket levers are securely latched.



4 Installing the Server Board



3 Installing Rubber Bumpers

