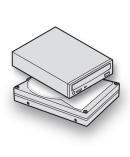
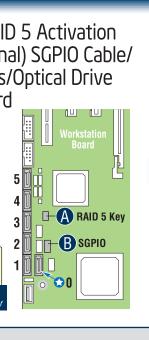


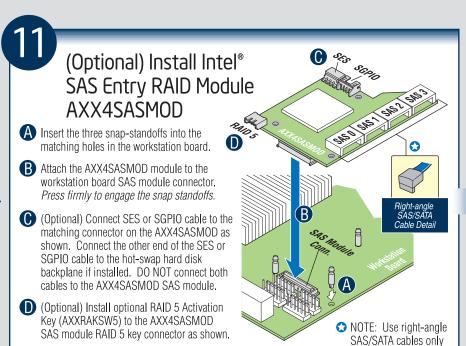
Install Optical Drive and Hard Drive(s) See the documentation that came with your server chassis for drive installation.



Install (Optional) RAID 5 Activation Key/Connect (Optional) SGPIO Cable/ Connect Hard Drives/Optical Drive to Workstation Board

- (Optional) Install optional RAID 5 activation key (AXXRAKSW5) on on-board RAID 5 key connector as shown.
- (Optional) Connect the SGPIO cable to the workstation board SGPIO connector as shown. Connect the other end of the SGPIO cable to the hot-swap hard disk backplane f installed
- Connect SATA data cables to the workstation board as
- Begin cable connections at the SATA 0 location.





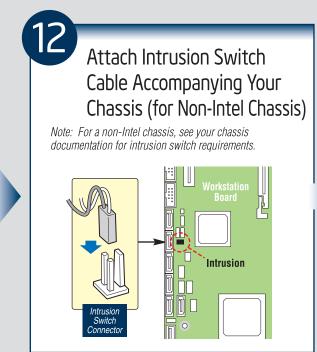
Install Add-in

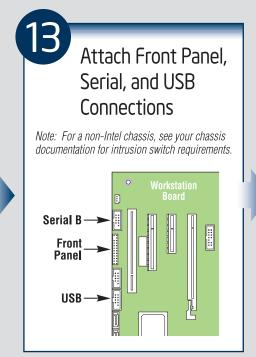
Cards

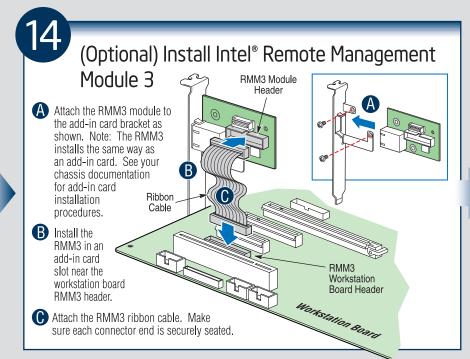
- DIMM A1

- DIMM R2 - DIMM R1 - DIMM C2

DIMM C1







IMPORTANT NOTE eturn to your Intel® Server Chassis Quick your non-Intel chassi ocumentation to fin configuration of your ntel® Workstation Board S5520SC. Return to this documer

to finish up, including

oftware, BIOS, driver

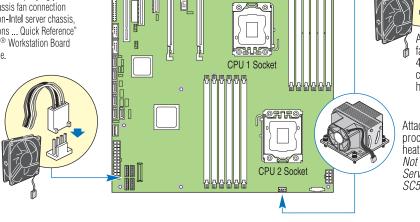
and operating system

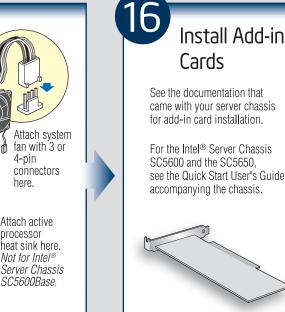
nstallation.

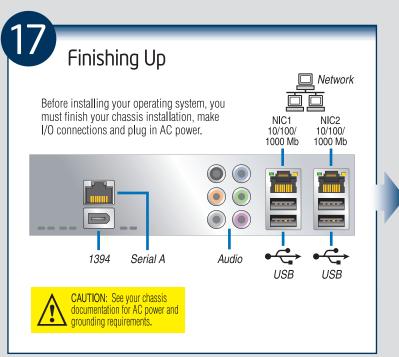


requirements. For a non-Intel server chassis, below and see the Intel® Workstation Board

Attach system fans with 3, 4, or 6-pin connectors here.







Software • BIOS, Firmware, Drivers, and Operating System Installation

A. Confirm BIOS Version: Confirm BIOS, BMC, and FRUSDR Versions. Look on the Server/System Management screen in the BIOS Setup Utility to determine the installed BIOS, BMC firmware, and FRUSDR version. Compare these to the versions at: http://support.intel.com/support/motherboards/server/S5520SC

If new versions are available, see the Intel® Workstation Board S5520SC Week Technical Update to update the BIOS, BMC, and FRUSDR on your server.

B. Configure your RAID Controller: Use the instructions provided with the

C. Install your Operating System: Use the instructions provided with the RAID controller and with the operating system

D. Install Operating System Drivers: With the operating system running, insert the Intel® Server Deployment Toolkit 3.0 CD, which comes with the production version of the Intel® Workstation Board S5520SC. If using a Microsoft Windows* operating system, the Intel® Deployment Assistant (in the Deployment Toolkit 3.0 CD) will autorun and allow you to select the appropriate drivers to install. On other operating systems, browse the CD folders to locate and install the driver files

Common Problems and Solutions

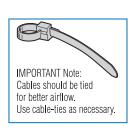
For a list of hardware components that have been tested with this system, see: http://support.intel.com/support/motherboards/

The system does not boot or show video at power-on:

- Check that all processor power connectors are plugged-in.
- Without these connections, the server cannot boot. Beep code 3 means you have bad memory; replace the faulty
- Remember, all DIMMs must be:
- DDR3 800/1066/1333-compliant, 240-pin DIMMs.
- No mixing of DDR3 RDIMMs and UDIMMs.
- Installed beginning with first slot of each channel.
- Install Quad-Rank DIMM from first slot of each channel.

The system sometimes works, but is exhibiting erratic behavior. This is probably the result of using an underrated power supply.

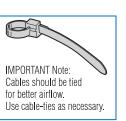
Making Connections Required Connections to the Workstation Board Quick Reference



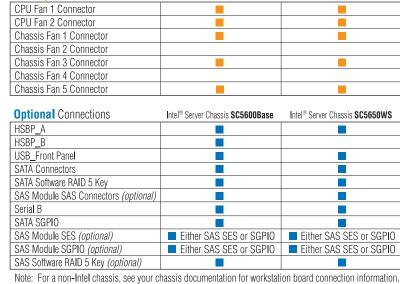
Note: Not all optional connections are shown in this diagram. Refer to the Reference section of this Quick Start User's S5520SC Service Guide, and your server chassis documentation for additional connection information.

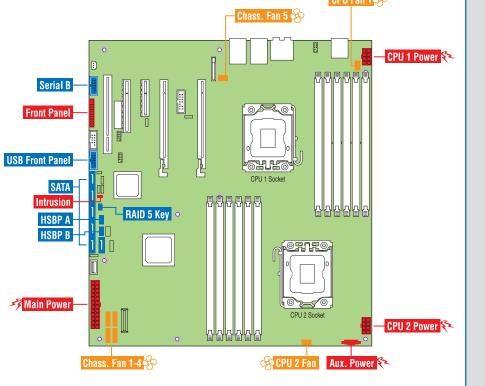


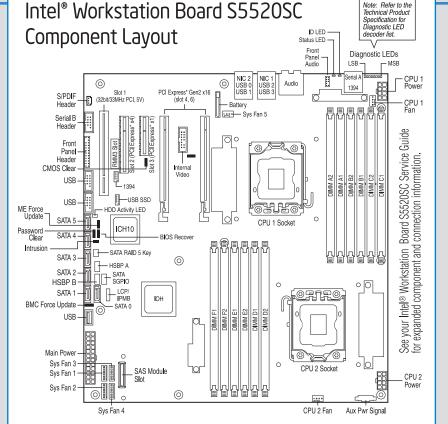
CPU/System Fan Connections Intel® Server Chassis SC5600Base Intel® Server Chassis SC5650WS

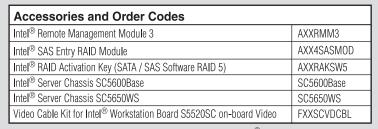


Guide, your Intel® Workstation Board









A complete list of accessories and spares can be found in the Intel® Workstation Board S5520SC

Available Documents	
Document Type	Content
Technical Product Specification	In-depth technical information
Spares and Configuration Guide	Supported accessories and spares list
Server Configurator Tool	Tested peripherals and operating systems list Tested memory list Supported processors list
Software and Drivers	Up-to-date firmware, driver and utility informatio

