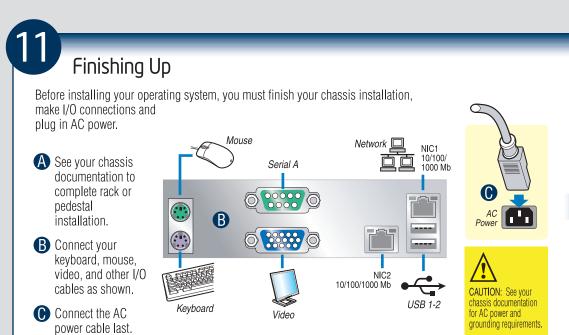


IMPORTANT NOTE: Return to your Intel® Server Chassis Quick Start User's Guide, or your non-Intel chassis documentation to finish installation and configuration of your Intel® Server Board S3200SH / S3210SH.

Return to this document to finish up, including software, BIOS, drivers and operating system installation.



Software • BIOS, Drivers, and Operating System Installation

A. Confirm BIOS Version: Look on the Server/System Management screen in the BIOS Setup Utility to determine the installed BIOS version. Compare this to the versions at: http://support.intel.com/support/motherboards/server/s3210st If new versions are available, update the BIOS on your server. See the User Guide on the Intel® Server Deployment Toolkit 2.0 CD for update instructions.

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

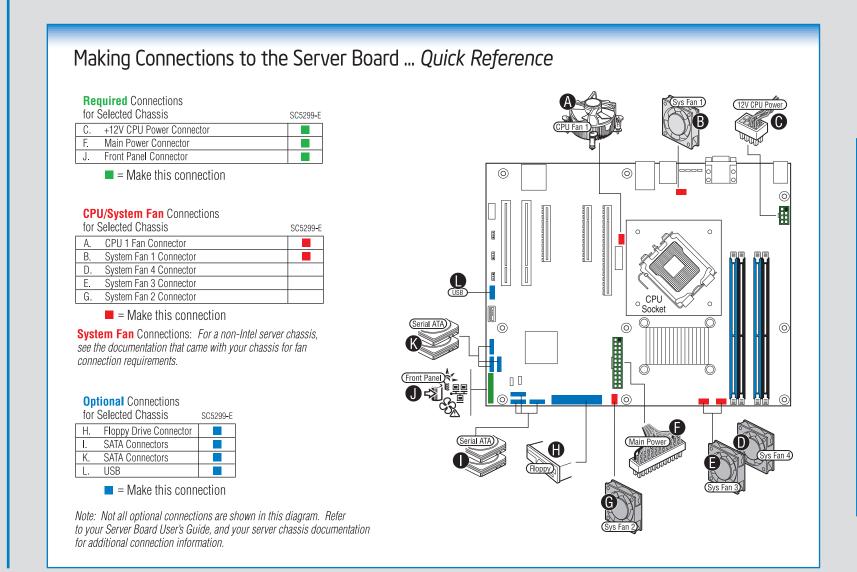
C. Install your Operating System: Use the instructions provided with the RAID controller and with the operating system.

D. Install Operating System Drivers: With the operating system running, insert the Intel® Server Deployment Toolkit 2.0 CD. If using a Microsoft* Windows* operating system, the Intel® Deployment Assistant 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.

Reference

Accessories and Order Codes	
Intel® Entry Server Chassis SC5299-E with fixed 420W power supply	SC5299UP
Intel® Entry Server Chassis SC5299-E with fixed 420W power supply and North American power cord	SC5299UPNA

A complete list of accessories and spares can be found at: www.intel.com/go/serverbuilder



Common Problems and Solutions

For a list of hardware components that have been tested with this system, see: http://support.intel.com/support/motherboards/server/s3210sh

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

- Check that +12V CPU power connector is plugged in. Without this cable the processor will not have any power.
- Remove and replace DIMMs one DIMM at a time to isolate which one is causing problems.
 Remember, it is strongly recommended that all DIMMs be:
- DDR2 667/800 compliant unbuffered, ECC or non-ECC.
- The same speed.
- From the same manufacturer.
- Installed beginning with DIMM 1A.
- Your power supply must provide a minimum of 350W with 2A standby current, which complies with the SSLEPS 12V specification.
- current, which complies with the SSI EPS 12V specification.
- Please consult the power budget tool on http://support.intel.com/support/motherboards/server/s3210sh to determine the power requirement of your system.

The system sometimes works, but is exhibiting erratic behavior.

• This is typically the result of using an under-rated power supply. Make sure you are using at least a 350W power supply.

