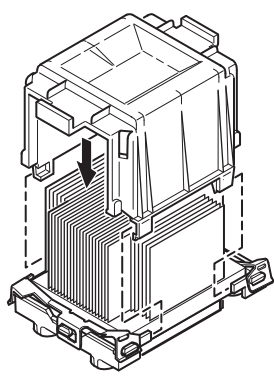


7 Installing the Wind Tunnel

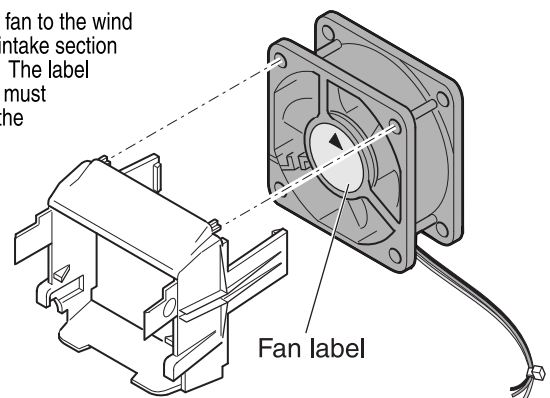
A Attaching the Wind Tunnel Assembly

Install the wind tunnel center section over the heat sink. Note that the plastic tabs engage the tabs on the retention clips.



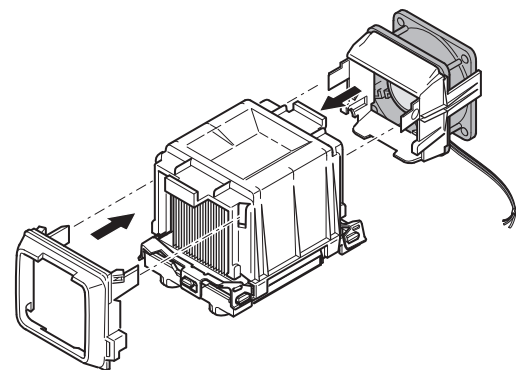
B Attaching the Heat Sink Fan

Attach the fan to the wind tunnel air intake section as shown. The label on the fan must point into the air intake section as shown.



C Attaching Intake and Exhaust Assemblies

1. Attach the air intake fan assembly to the side of the heat sink wind tunnel nearest to the front of the chassis. Align the tabs on the assembly with the slots in the wind tunnel section, then snap the lower portion of the fan holder over the tabs on the center section.
2. Attach the exhaust portion of the processor wind tunnel assembly.
3. Attach CPU Fan 1 cable to the server board at location J15 and/or attach CPU Fan 2 cable at location J16.

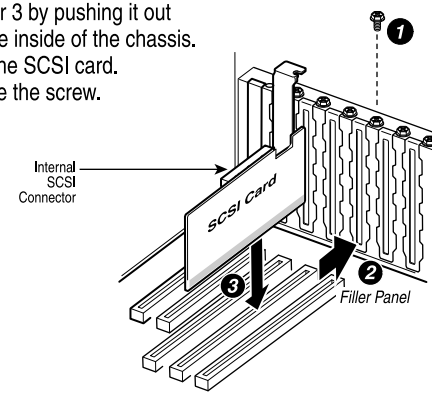


8 Installing the SCSI Card

Drivers for this card can be downloaded from the SE7500CW2 Intel Support website: <http://support.intel.com/support/motherboards/server/SE7500CW2> or from the SE7500CW2 System Resource CD that ships with the board.

Note: In order to maximize airflow within the chassis, it is recommended that you install the SCSI card in either PCI slot 2 or 3 and install SCSI devices in the chassis lower device bays. However, the SCSI card can be installed in any PCI slot on the server board.

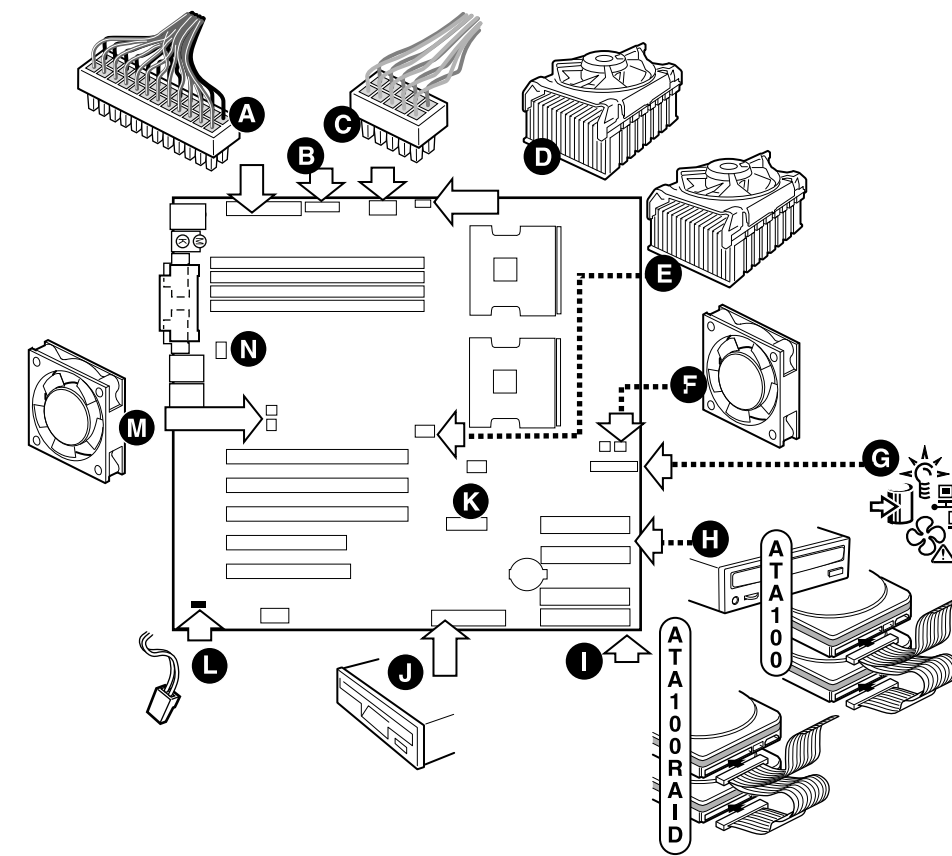
1. Remove the screw that secures the filter panel at PCI slot 2 or 3.
2. Remove the filter panel at PCI slot 2 or 3 by pushing it out from the inside of the chassis.
3. Insert the SCSI card.
4. Replace the screw.



9 Making Connections to the Server Board

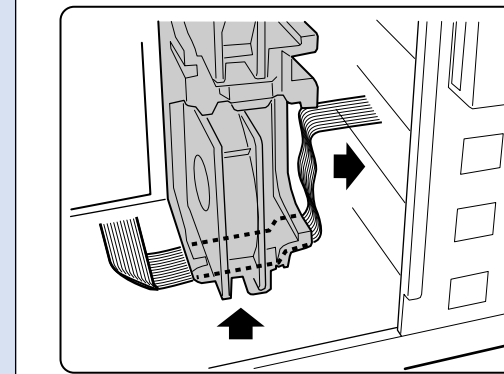
Server Board Connection Quick Reference:

- | | | | |
|---------------------|-----------------------|---------------------|----------------------|
| A. Main Power | E. CPU Fan2 | H. ATA 100 IDE | K. Front Panel USB |
| B. Auxiliary Signal | F. Front Chassis Fans | I. ATA 100 RAID IDE | L. Chassis Intrusion |
| C. +12V CPU Power | G. Front Panel | J. Floppy | M. Rear Chassis Fans |
| D. CPU Fan1 | | | N. Jumper Block |

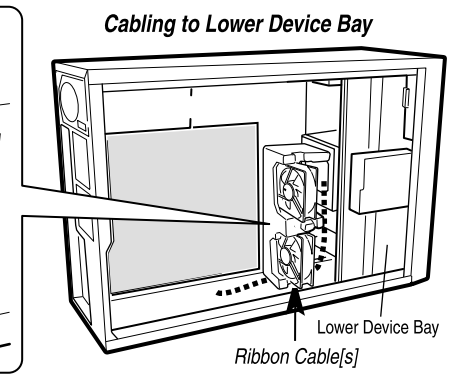


10 Cable Routing

A IDE Cable

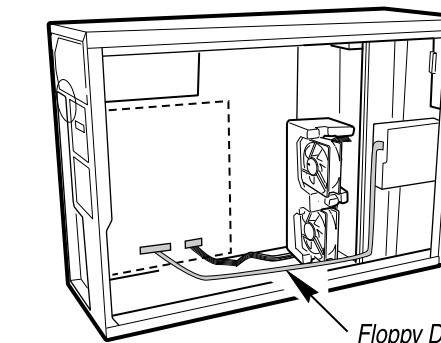


IDE cables that connect to devices in the lower device bays should be routed around the EPAC as shown.



1. Remove the top half of the EPAC.
2. Route cable(s) as shown.
3. Replace the top half of the EPAC.

B Floppy Drive Cable



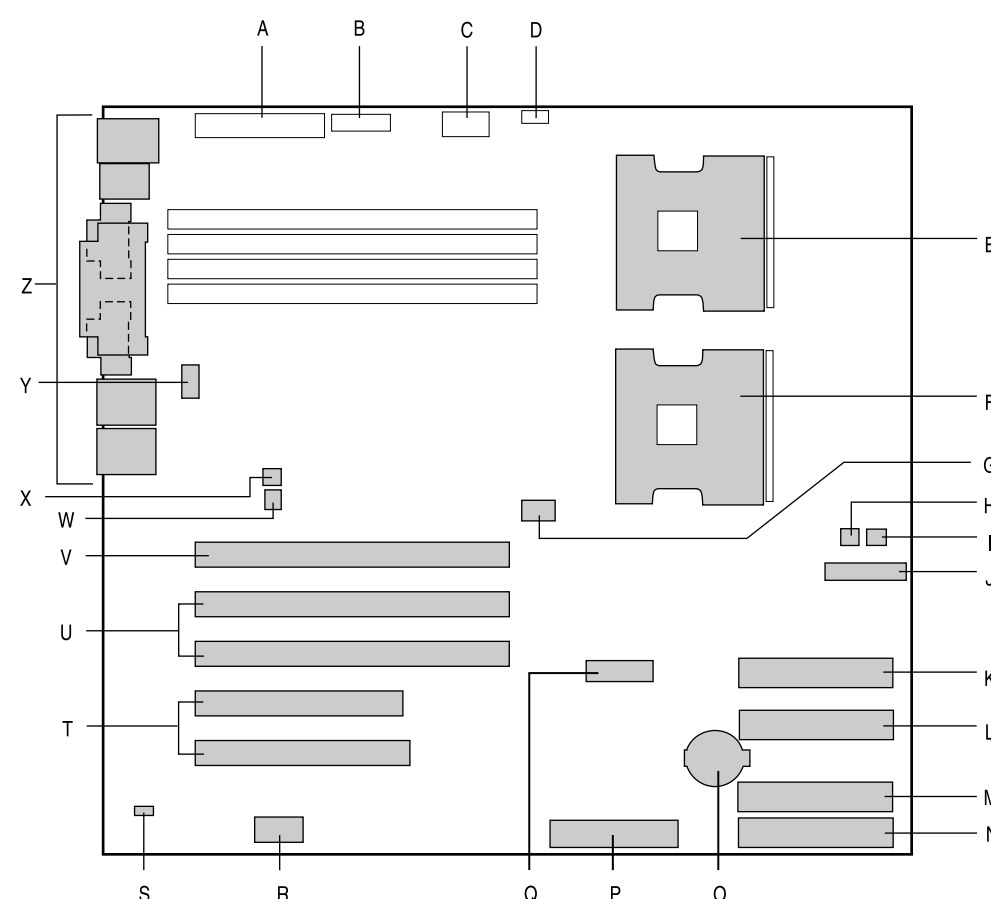
Route the floppy drive cable as shown.

Reference

Server Board Component Layout

Component Descriptions:

- | | | | |
|---------------------|-----------------------|----------------------|-------------------------|
| A. Main Power | H. SysFan2 | O. Battery | V. PCI-X 64/133 |
| B. Auxiliary Signal | I. SysFan1 | P. Floppy | W. SysFan4 |
| C. +12V CPU Power | J. Front Panel | Q. Front Panel USB | X. SysFan3 |
| D. CPU Fan1 | K. Secondary IDE | R. Serial 2 | Y. Jumper Block |
| E. CPU1 | L. Primary IDE | S. Chassis Intrusion | Z. Back Panel I/O Ports |
| F. CPU2 | M. Secondary RAID IDE | T. PCI 32/33 | |
| G. CPU Fan2 | N. Primary RAID IDE | U. PCI-X 64/100 | |

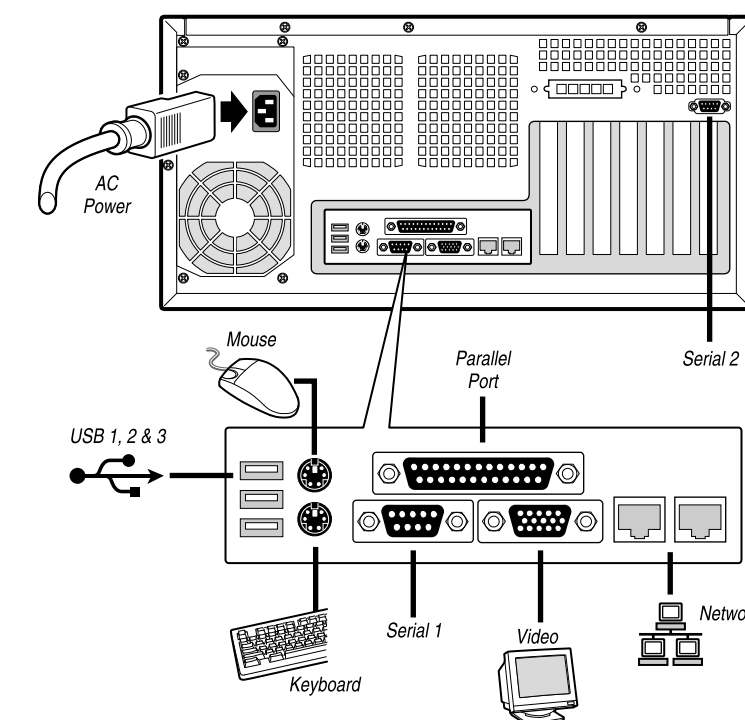


11 Finishing Up

Before installing your operating system, you must finish your chassis installation and connect I/O connectors and AC power.

1. Replace the chassis cover.
2. See your chassis documentation to complete rack or pedestal installation.
3. Connect your keyboard, mouse, video, and other I/O cables as shown.

Then connect the AC Power cable.



Common Problems and Solutions

- The system does not boot or show video at power on.**
- Check that +12V CPU power connector is plugged in. Without this cable the processors will not have any power.
 - If configuring with only one processor verify that the processor is in the Primary Processor socket (CPU 1).
 - Beep code 1-3-3-1 means you have unrecognized or bad memory. Remove and replace DIMMs one bank at a time to isolate which one is causing problems.
 - Remember, all DIMMs must be:
 - Registered DDR200/266 compliant
 - The same speed
 - From the same manufacturer
 - Installed beginning with DIMM 1A
 - Installed with no empty sockets in between
 - Your power supply must provide 1.2 A of +5 V Standby current to support WOL. If the standby current is not present, your board will not boot.
- 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 450 W power supply.

Accessories and Order Codes

Item	Product Code
Intel® Server Board SE7500CW2	SE7500CW2
Intel® Server Chassis SC5200 Base Chassis	KHD3BASE450
Intel® Server Chassis SC5200 Rack Conversion Kit	AHD2RACK AHD3RACK
Intel® RAID Controller SRCU32	SRCU32
Intel® RAID Controller SRCU31L	BOXSRCU31L