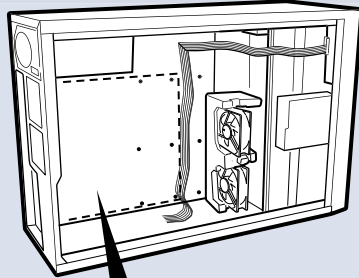
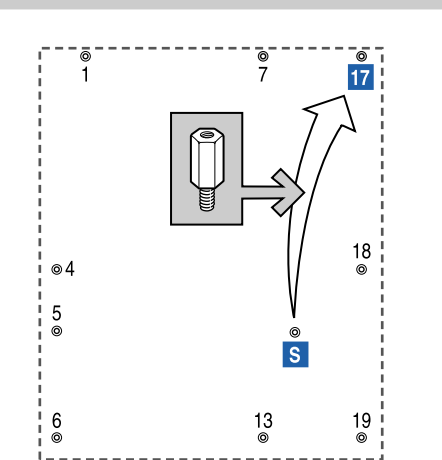


6 Configuring Chassis Standoffs

Continue from front side

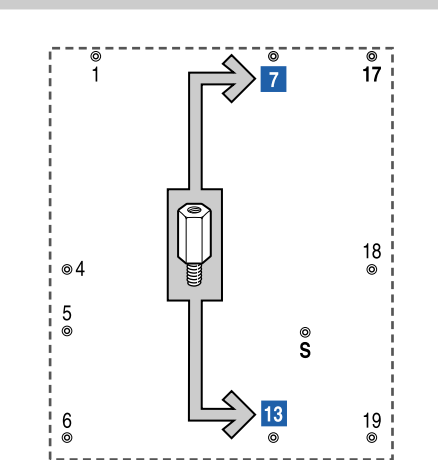


A Move Existing Standoff



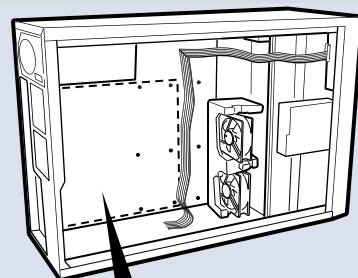
Instructions:
For the Intel SC5100 chassis: Remove the standoff from position 5 and move it to position 17. Standoff numbering in other chassis may be different.

B Install New Standoffs



Instructions:
For the Intel SC5100 chassis: Install standoffs in positions 7 and 13. Standoffs are included with your chassis. Standoff numbering in other chassis may be different.

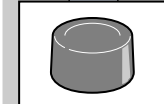
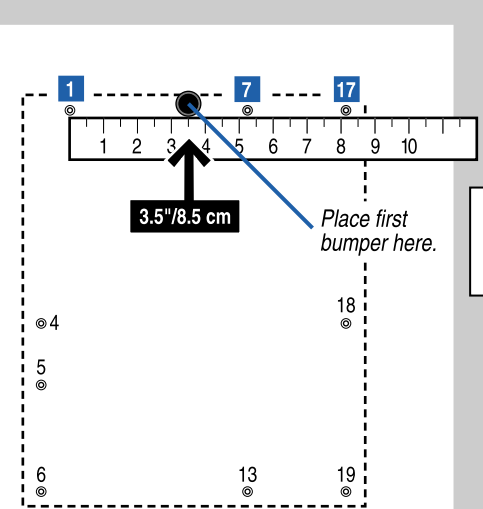
7 Installing Rubber Bumpers



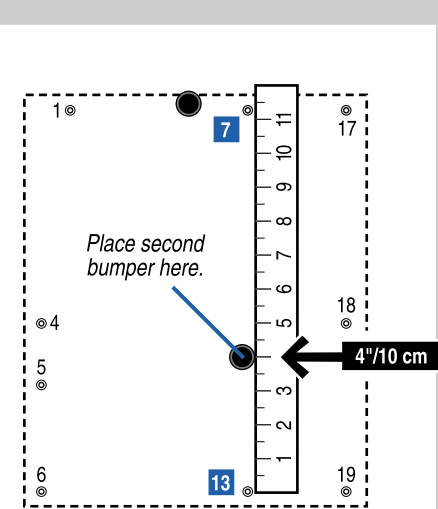
For the Intel SC5100 chassis:

1. Measure and mark the bumper placement locations in your chassis by placing your ruler against the standoffs as shown in each step.
2. Remove the backing from the bumpers and press firmly into position. Rubber Bumpers are included with your chassis.

A Measure and Install Step #1

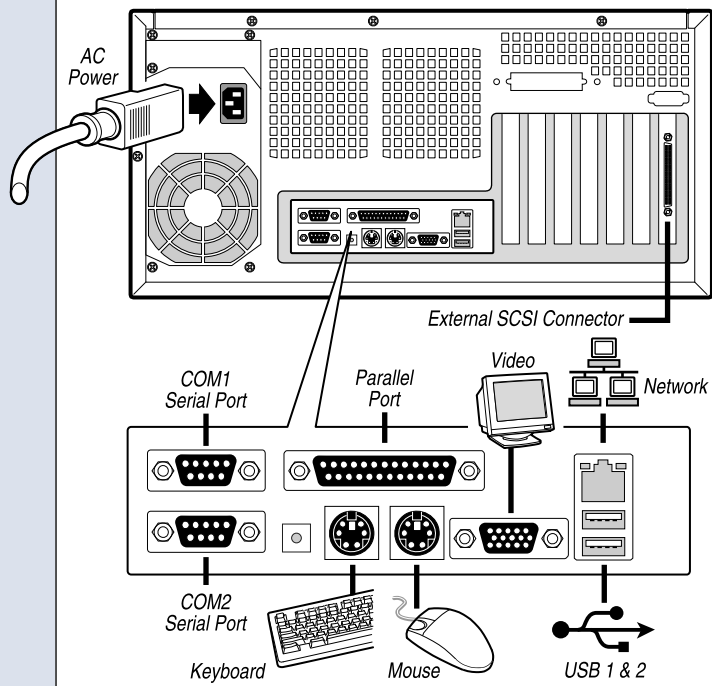


B Measure and Install Step #2



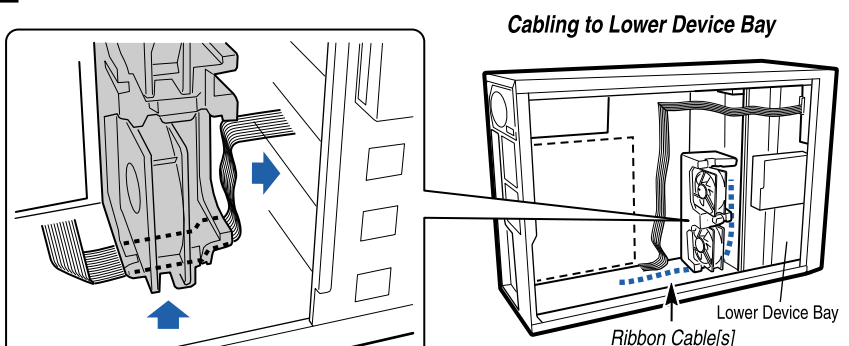
12 Finishing Up

- 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.



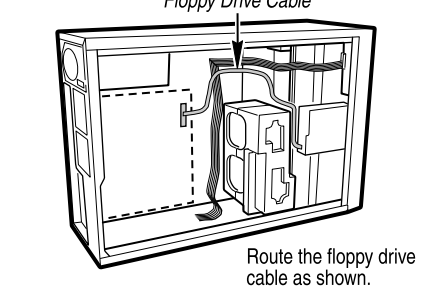
11 Cable Routing

A IDE or SCSI Cables

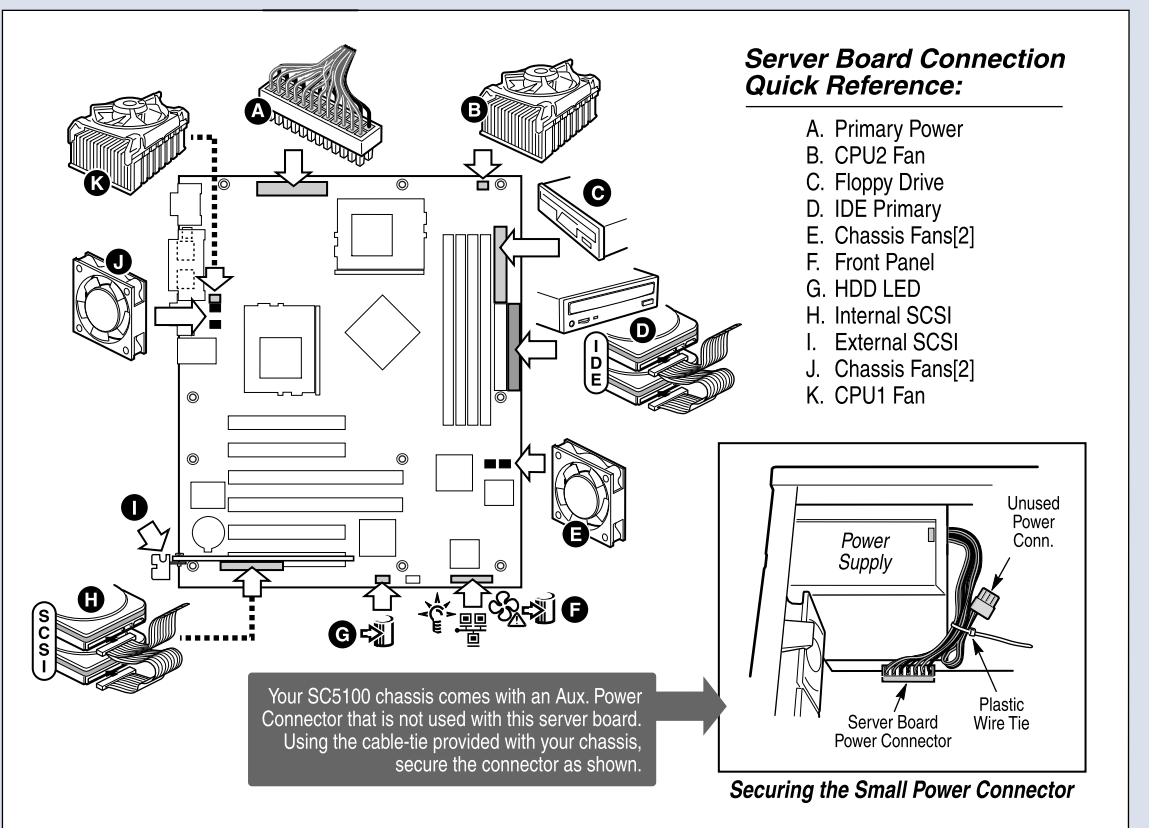


1. Remove the top half of the epac.
2. Route cable[s] as shown.
3. Replace the top half of the epac.

B Floppy Drive Cable

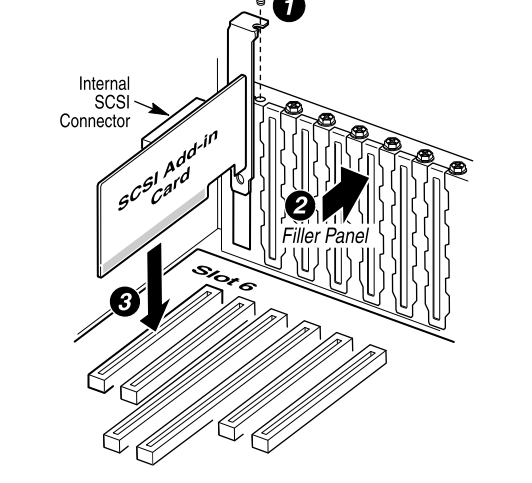


10 Making Connections to the Server Board



9 Installing the SCSI Add-in Card

1. Remove the screw that secures the filler panel at PCI Slot 6.
- Note:** In order to maximize airflow within the chassis, it is recommended that you install the SCSI add-in card in PCI Slot 6 and install SCSI devices in the chassis lower device bays. However, the SCSI add-in card can be installed in any PCI slot on the server board.
2. Remove the filler panel at PCI Slot 6 by pushing it out from the inside of the chassis.
 3. Insert the SCSI card as shown.
 4. Replace the screw.
- Note:** SCSI card drivers and User Guides are available on the System Resource CD.



Reference

Common Problems and Solutions

- 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 250 W power supply.
- The system does not boot or show video at power on.**
- If configuring with only one processor, verify that the processor is in the Primary Processor socket.
 - Beep code 1-3-3-1 means you have unrecognized or bad memory. Remove and replace DIMMs one at a time to isolate which one is causing problems.
 - Remember, all DIMMs must be:
 - Registered PC133 compliant
 - The same speed
 - From the same manufacturer
 - Installed beginning with DIMM 1
 - Installed with no empty sockets in between
 - Your power supply must provide 0.8 A of +5 V Standby current to support WOL. If the standby current is not present, your board will not boot.

Accessories and Order Codes

Item	Product Code
Intel® Server Board SAI2	SAI2
Intel® Server Board SAI2 with SCSI Adapter	SAI2SCSI
Intel® Server Chassis SC5100 Base Chassis	KHD2BASE300
Intel® Server Chassis SC5100 Rack Conversion Kit	KHD2RACK
Intel® Server Chassis SC5100 Chassis Spares Kit	FHD2SPRS
Intel® RAID Controller SRCU31	BOXSRCU31
Intel® RAID Controller SRCU31-L	BOXSRCU31-L
Intel® RAID Controller SRCU32	SRCU32

Component Descriptions

- A 33 MHz/32-bit PCI connectors[4]
- B 66 MHz/64-bit PCI connectors[2]
- C Primary processor connector (CPU1)
- D Back panel connectors
- E Primary processor heatsink fan connector (J10)
- F Fan 5 connector (J7)
- G Fan 6 connector (J14)
- H Main power connector (Main Power)
- I Secondary processor connector (CPU2)
- J CNB30LE (North Bridge)
- K DIMM slots (DIMM1 - DIMM4)
- L Secondary processor heatsink fan connector (J9)
- M Floppy drive connector (FDD)
- N Primary IDE connector (PRI_IDE)
- O Secondary IDE connector (SEC_IDE)
- P Fan 3 connector (J11)
- Q Fan 4 connector (J8)
- R CSB5 (South Bridge)
- S Front panel connector (FRONT_PANEL_HDF)
- T Configuration jumper block (JP5)
- U HDD LED (J12)
- V Battery

