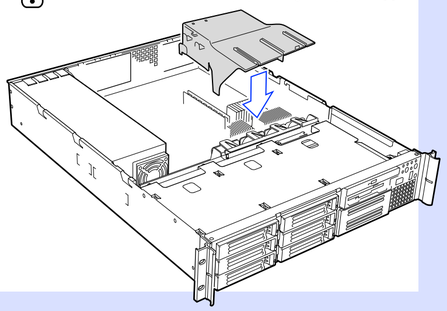
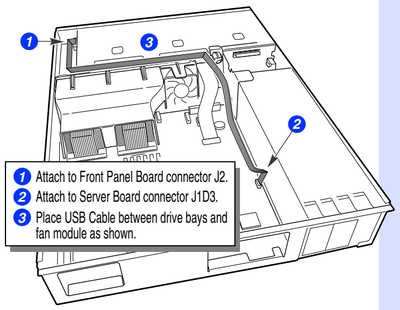
Side 2

12 Install Processor Air Duct

This step must be completed to ensure proper cooling for the processor[s].

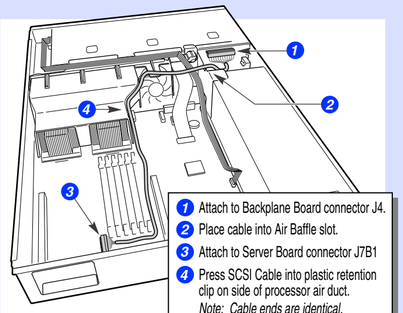


13 Install USB Ribbon Cable



1. Attach to Front Panel Board connector J2.
2. Attach to Server Board connector J1D3.
3. Place USB Cable between drive bays and fan module as shown.

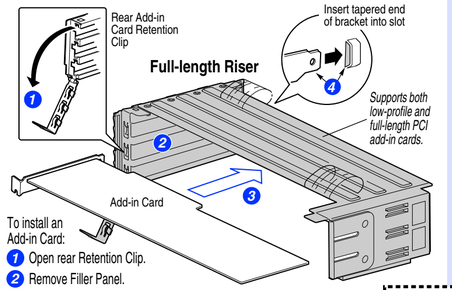
14 Install SCSI Cable



1. Attach to Backplane Board connector J4.
2. Place cable into Air Baffle slot.
3. Attach to Server Board connector J7B1
4. Press SCSI Cable into plastic retention clip on side of processor air duct.
   Note: Cable ends are identical.

15 Installing Add-in Cards

A *Full-length Add-in Card Installation*



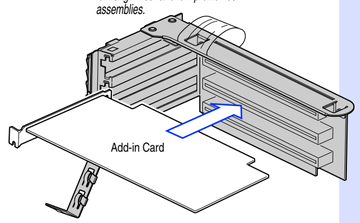
To install an Add-in Card:
1. Open rear Retention Clip.
2. Remove Filler Panel.
3. Insert Add-in Card until it seats in Riser Connector.
4. Make sure add-in card Bracket inserts into slot. *Close Retention Clip.*

Caution! Observe normal ESD precautions when installing add-in cards.

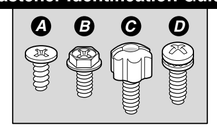
B *Low-profile Add-in Card Installation*

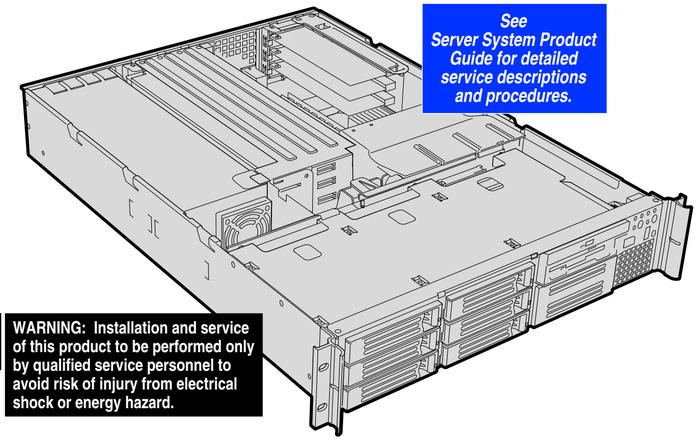
Low-profile Riser

Add-in card installation is the same for full-length riser and low-profile riser assemblies.



Fastener Identification Guide





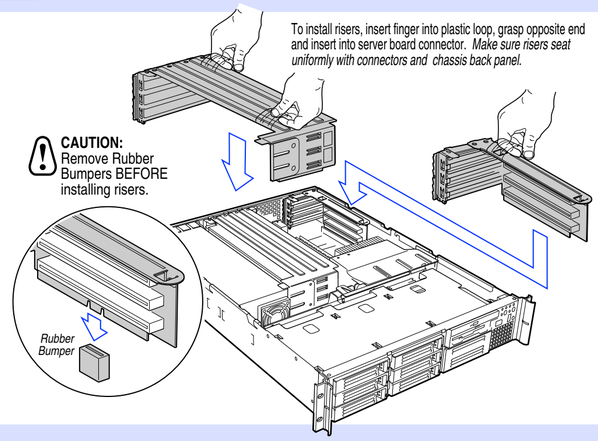
See Server System Product Guide for detailed service descriptions and procedures.

WARNING: Installation and service of this product to be performed only by qualified service personnel to avoid risk of injury from electrical shock or energy hazard.

16 Installing Add-in Card Risers

To install risers, insert finger into plastic loop, grasp opposite end and insert into server board connector. *Make sure risers seat uniformly with connectors and chassis back panel.*

CAUTION: Remove Rubber Bumpers BEFORE installing risers.

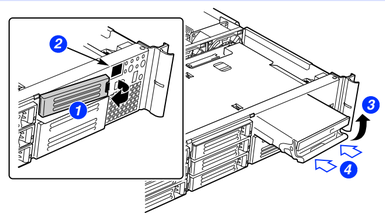


17 Installing DVD/CD/Floppy Module *[Optional]*

Prepare the Flex-bay:
1. Remove Filler Panel by depressing latch on right side and rotating outward.
2. Remove square Plastic Plug.

To install a DVD/CD/Floppy Module:
3. Pull handle upward.
4. Insert into bay and press at locations shown until module engages connector.

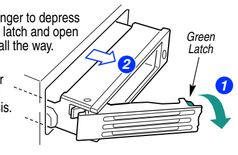
Push handle downward to lock module into position.



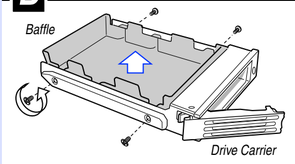
18 Installing Hard Disk Drives

A *Remove the Drive Carrier*

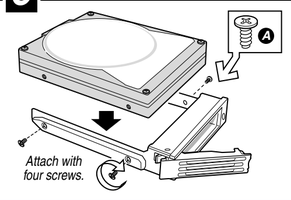
1. Use finger to depress green latch and open lever all the way.
2. Slide carrier out of chassis.



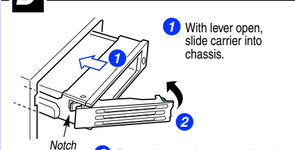
B *Remove the Plastic Air Baffle*



C *Install the Hard Disk Drive*



D *Re-install the Drive Carrier*



1. With lever open, slide carrier into chassis.
2. Ensure that notch engages chassis sidewall before closing and latching lever.

Reference System Cabling Diagram

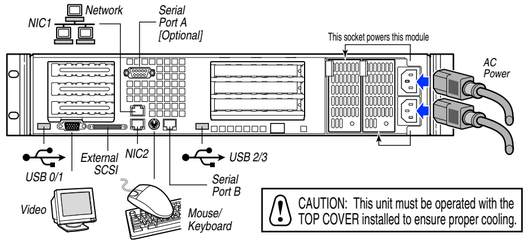
System Components
1. Power Supply
2. SCSI Hard Disk Drives
3. DVD/CD-ROM/Floppy Module
4. Tape Drive *[optional]*
5. Front Panel Board
6. Fan Assembly
7. SCSI Backplane Board *[shown horizontal for clarity]*
8. Server Board

Connections
- A To backplane Power connector from Power Supply
- B To server board Primary Power connector from Power Supply
- C Server board Floppy/FP/IDE connector to backplane *... flex cable*
- D Server board to backplane *... SCSI cable*
- E Server board to front panel board *... front panel USB ribbon cable*
- F Front panel board to backplane *... ribbon cable*
- G Fan Module to server board fan connectors [2]
- H To server board Auxiliary Signal connector from Power Supply
- I Aux. Power Connector
- J Optional Serial Port, server board to back panel knockout *... serial cable*

20 Finishing Up

Before installing your operating system, you must finish your chassis installation and connect back panel 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.*



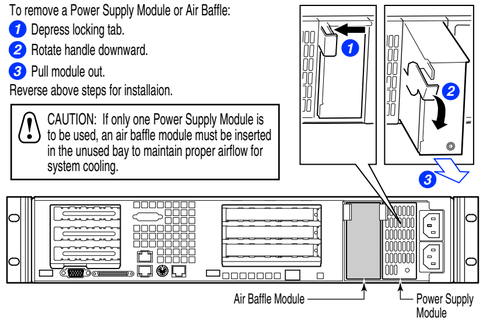
CAUTION: This unit must be operated with the TOP COVER installed to ensure proper cooling.

19 Installing Power Supply Module[s]

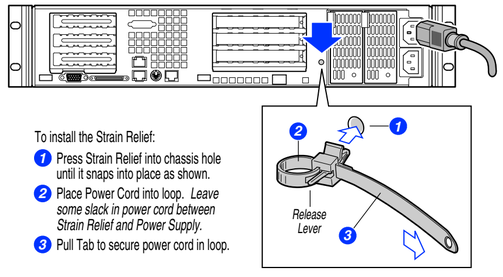
To remove a Power Supply Module or Air Baffle:
1. Depress locking tab.
2. Rotate handle downward.
3. Pull module out.

Reverse above steps for installaion.

CAUTION: If only one Power Supply Module is to be used, an air baffle module must be inserted in the unused bay to maintain proper airflow for system cooling.

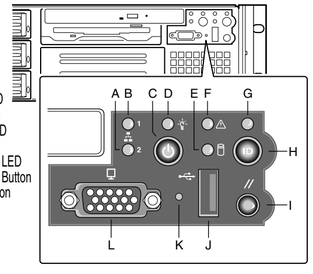


21 Installing Power Cord Strain Relief



To install the Strain Relief:
1. Press Strain Relief into chassis hole until it snaps into place as shown.
2. Place Power Cord into loop. *Leave some slack in power cord between Strain Relief and Power Supply.*
3. Pull Tab to secure power cord in loop.

22 Front Panel Controls and Indicators



A. NIC2
B. NIC1
C. Power Button
D. Power LED
E. Hard Drive Activity LED
F. Fault LED
G. System ID LED
H. System ID Button
I. Reset Button
J. USB
K. NMI
L. Video

Replace Bezel when system installation/configuration is complete.