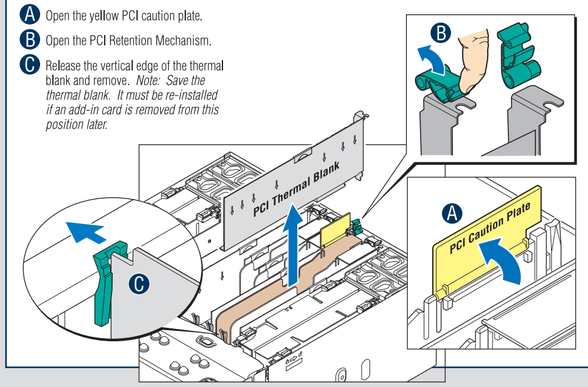
Side 2

12 Install Add-in Card(s)

A Open the yellow PCI caution plate.

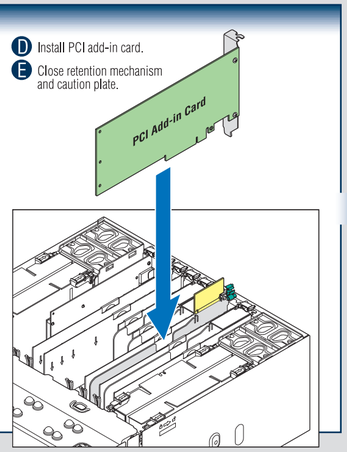
B Open the PCI Retention Mechanism.

C Release the vertical edge of the thermal blank and remove. *Note: Save the thermal blank. It must be re-installed if an add-in card is removed from this position later.*



D Install PCI add-in card.

E Close retention mechanism and caution plate.

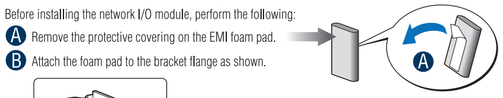


13 Install Intel® Integrated Network I/O Module (optional)

Before installing the network I/O module, perform the following:

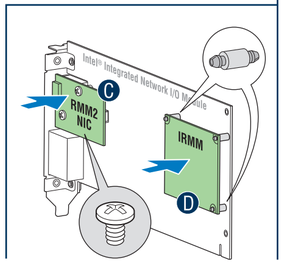
A Remove the protective covering on the EMI foam pad.

B Attach the foam pad to the bracket flange as shown.

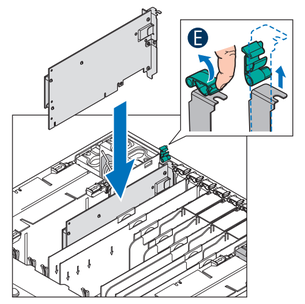


C Attach the RMM2 NIC daughter card using two screws. *The standoffs are already installed.*

D Attach the Intel® Remote Management Module by installing two snap-standoffs, then snapping the module onto the three standoffs as shown.



E Open the PCI retention mechanism, remove the filler blank and install the card as shown. *Close the PCI retention mechanism.*

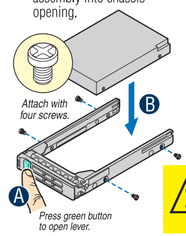


14 Install Hard Drives/Carriers

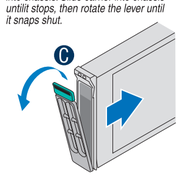
A Remove the drive carrier by pressing the green button.

B Install the hard disk drive as shown.

C Install hard disk drive assembly into chassis opening.



Note: Carrier lever must be held in the FULLY OPEN position to install into chassis. Slide carrier into chassis untilit stops, then rotate the lever until it snaps shut.



CAUTION: If you install less than eight drives or devices, empty drive bays must be occupied by carriers with baffles to maintain proper system cooling.

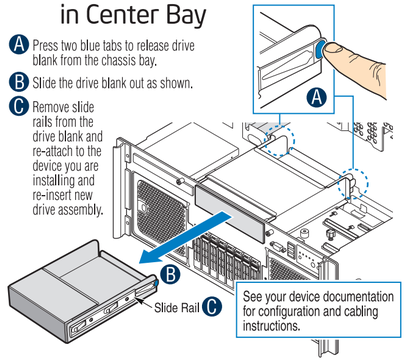
Repeat these steps for each installed hard drive

15 Install Peripheral Device in Center Bay

A Press two blue tabs to release drive blank from the chassis bay.

B Slide the drive blank out as shown.

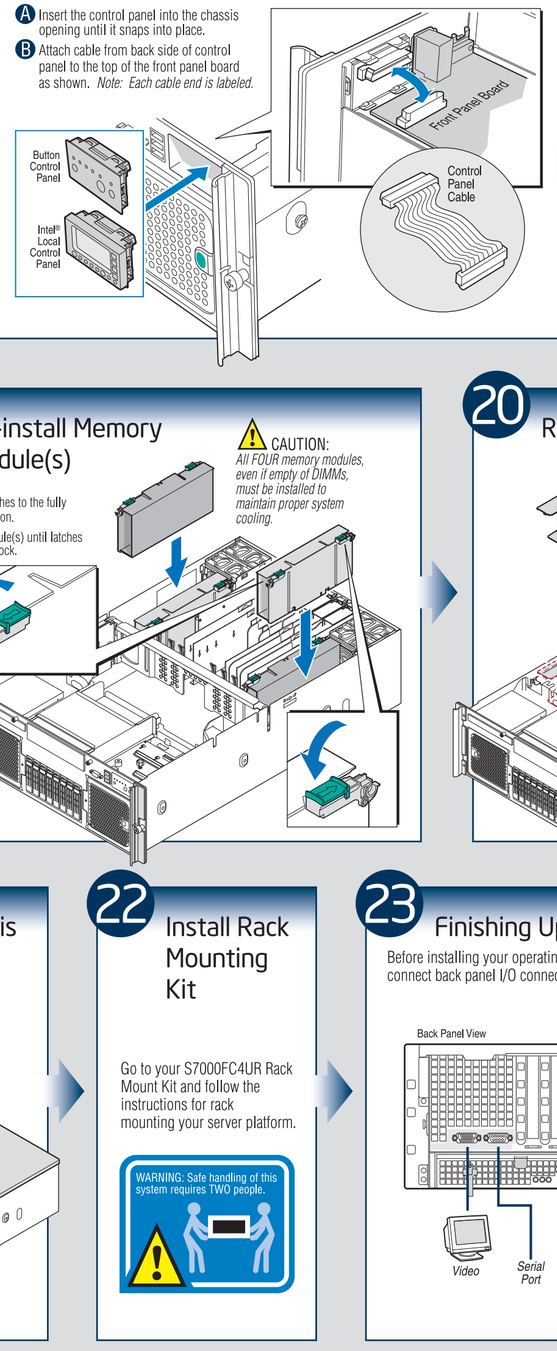
C Remove slide rails from the drive blank and re-attach to the device you are installing and re-insert new drive assembly.



16 Install Button Control Panel or Intel® Local Control Panel

A Insert the control panel into the chassis opening until it snaps into place.

B Attach cable from back side of control panel to the top of the front panel board as shown. *Note: Each cable end is labeled.*



17 Install DIMMs in Memory Module

Memory Configurations and Population Order:

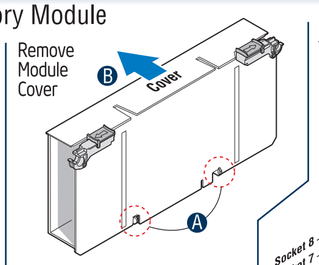
Memory Type: Minimum of one Fully Buffered Generation-1 533 or 667MT's DIMM.

Notes and Cautions: If more than one memory module is used, identically numbered FBDIMM sockets for both memory modules must be populated with FBDIMMs identical in terms of timing, technology and size. For example, DIMM A1 and B1 must be identical. To ensure proper system thermal performance, all DIMM slots must be populated with either a DIMM or a DIMM blank.

FBDIMMs installed in different socket positions (numbers) on a riser board do not need to be identical for dual-channel operation. For example, DIMMs A1 and B1 can be different from DIMMs A2 and B2.

Note: For additional memory configurations, see the Product Guide on the CD that accompanied your Intel® Server System S7000FC4UR.

Remove Module Cover

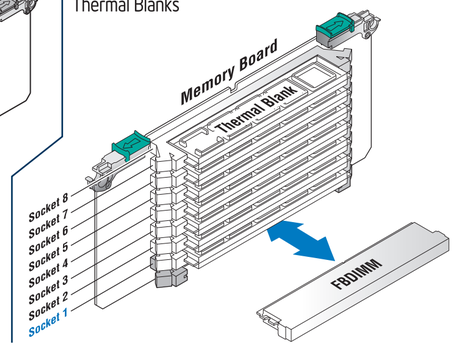


Observe normal ESD precautions when handling memory modules and installing DIMMs.

A Press down on the hooks on the underside of the memory module to unlock cover.

B Remove DIMM cover from memory board.

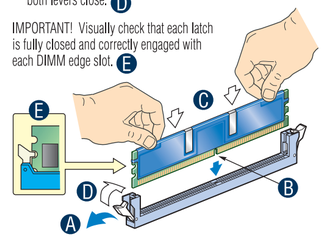
Install FBDIMMs or Thermal Blanks



To Install DIMMs:

1. Open both DIMM socket levers. A
2. Note location of alignment notch. B
3. Insert DIMM making sure the connector edge of the DIMM aligns correctly with the slot. C
4. Push down firmly on the DIMM until it snaps into place and both levers close. D

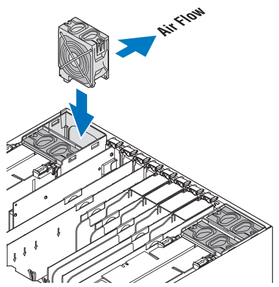
IMPORTANT! Visually check that each latch is fully closed and correctly engaged with each DIMM edge slot. E



18 Install System Fan(s)

A Lower fan into the fan case. Make sure that airflow direction is to the back of the system.

B Push down on the fan until it clicks into place.



19 Re-install Memory Module(s)

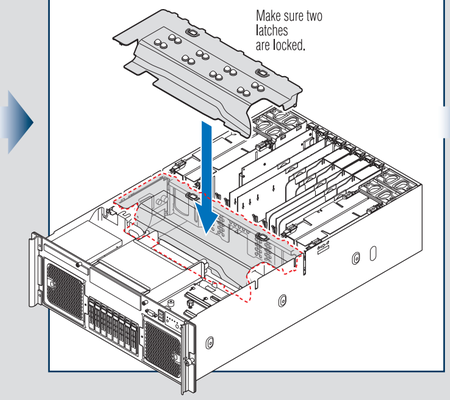
A Lift the latches to the fully open position.

B Insert module(s) until latches close and lock.

CAUTION: *All FOUR memory modules, even if empty of DIMMs, must be installed to maintain proper system cooling.*

20 Re-install Processor Air Duct

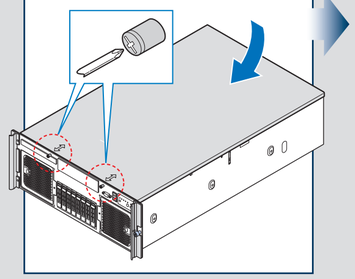
Make sure two latches are locked.



21 Re-install Chassis Cover

A Place the cover onto the chassis and slide fully forward.

B Tighten both captive screws.



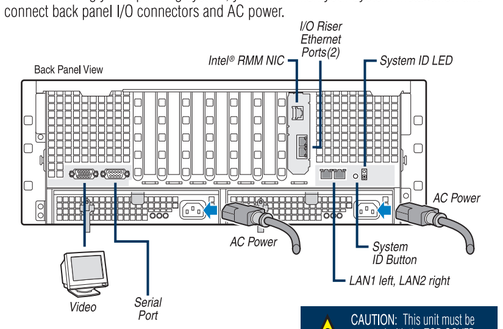
22 Install Rack Mounting Kit

Go to your S7000FC4UR Rack Mount Kit and follow the instructions for rack mounting your server platform.

WARNING: Safe handling of this system requires TWO people.

23 Finishing Up

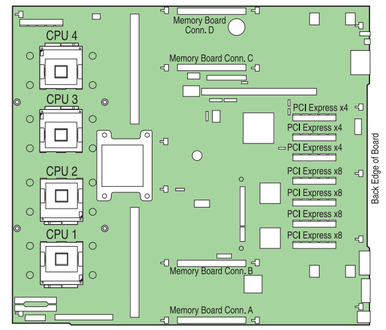
Before installing your operating system, you must finish your system installation and connect back panel I/O connectors and AC power.



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

Reference

Server Board Component Layout



Note: For comprehensive server board layout and component descriptions, see the User Guide on the CD that accompanied your Intel® Server Platform S7000FC4UR.

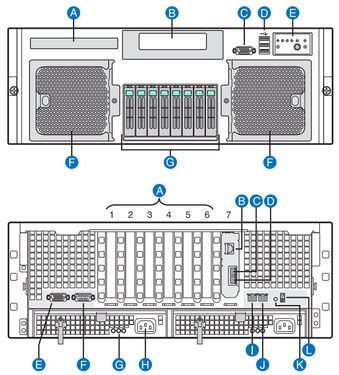
Controls and Indicators

Front Panel

A. Optical Drive
B. Peripheral Bay
C. Video
D. USB
E. Front Control Panel
F. Hot Swap Fan Modules
G. Hot Swap HDDs

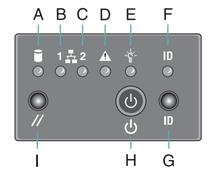
Back Panel

A. PCI Hot Swap Slots
B. External SCSI (optional)
C. Network
D. Network
E. Video
F. Serial B
G. PS Status LEDs
H. AC Power In
I. Network
J. Network
K. System ID LED
L. System ID Switch



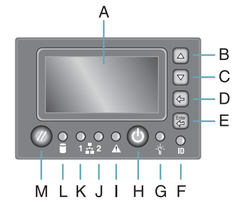
Button Control Panel Controls and Indicators

A Hard Drive Activity LED
B. LAN 1
C. LAN 2
D. Fault LED
E. Power LED
F. System ID LED
G. System ID Button
H. Power Button
I. Reset Button



Intel® Local Control Panel Controls and Indicators

A. LCD Display
B. Scroll Up
C. Scroll Down
D. Go Back
E. Enter/Select
F. ID LED
G. Power LED
H. Power Button
I. System Status LED
J. LAN 2 Activity LED
K. LAN 1 Activity LED
L. HDD Activity LED
M. Reset Button



Accessories and Order Codes	
Memory Board	BFCMEM
Power Supply Module	AFC4UPWR
Bezel	AHW4URBEZEL
Intel® Integrated Network I/O Module	FFCIORISER
Intel® CEK Processor Blank	AFCPROCBLANK
Intel® CEK Processor Heat Sink	AFCPROCHS
Intel® Remote Management Module 2	AXXRMM2
Intel® SAS Expansion Module	FFCSASRISER
Button Control Panel Module	AXXBCPMOD2
Intel® Local Control Panel Module	AXXLCPMOD2
Rail Kit	AXXRAIL3U7U
Cable Management Arm	AXXCMA3U7U
Intel® RAID Activation Key	AXXRAKSAS28E
Intel® 2.5" SAS/SATA HDD Carrier	FXX25HDDCAR
Intel® RAID Smart Battery	AXXRSBBU4
Slim Line DVD	AFCDVD
Rear System Fans	FFC4UBKFAN
Internal SATA Cable (baseboard to backplane)	FFC4UINTSATA

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