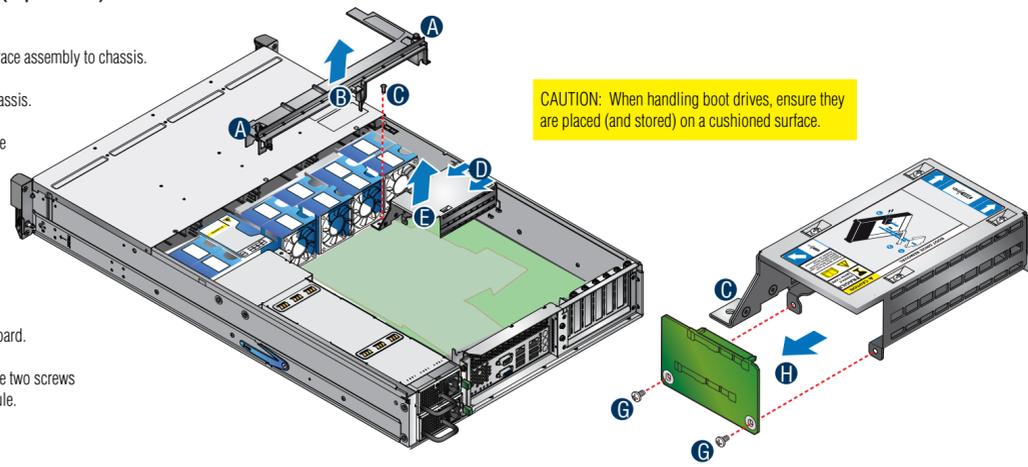


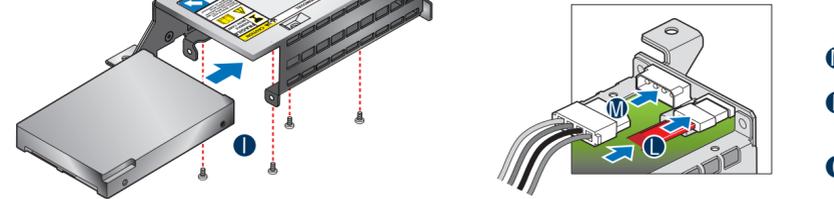
7 Install Boot Drives (Optional)

- A Loosen two captive screws securing brace assembly to chassis.
- B Lift brace assembly to remove from chassis.
- C With a #2 Phillips* screwdriver, remove single screw at top of boot drive module.
- D Slide boot drive module off the two chassis pins in the direction shown.
- E Lift boot drive module from enclosure.
- F Note where cables connect to server board.
- G With a #1 Phillips* screwdriver, remove two screws securing backplane to boot drive module.
- H Remove backplane.



CAUTION: When handling boot drives, ensure they are placed (and stored) on a cushioned surface.

- I Install lower boot drive in boot drive module with circuit side facing down and connectors oriented toward backplane. Secure boot drive with four screws.
- J Install optional second boot drive in upper slot with circuit side facing up and connectors oriented toward backplane. Secure optional boot drive with four screws.
- K Align backplane screw holes with screw holes on boot drive module. Attach backplane to boot drive module with two screws that were previously removed.



- L Connect disk drive cables to backplane as follows:
For Intel® Storage Server SSR212MC2BR
 - Refer to the *Intel® Storage Server SSR212MC2BR/SSR212MC2RBR User Guide* on the Resource CD for cabling options.
For Intel® Storage Server SSR212MC2RBR
 - Bottom boot drive to SAS 0 on server board
 - Top boot drive to SAS 1 on server board
- M Connect power cable to backplane.
- N Re-install boot drive module by sliding module onto the two chassis pins and securing with single screw.
- O Re-install brace assembly in enclosure and tighten the two captive screws.



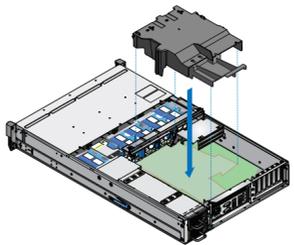
8 Install PCI Card (Optional)

Refer to the *Intel® Storage Server SSR212MC2BR/SSR212MC2RBR User Guide* on the Resource CD for instructions on installing an optional PCI card into your storage system.

NOTE: See the *Tested Hardware and Operating System List* at <http://support.intel.com/support/motherboards/server> for a list of supported hardware and operating systems.

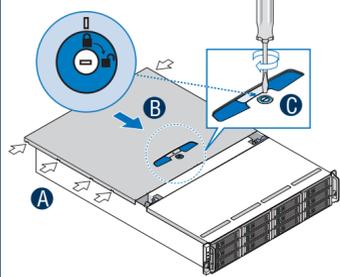
9 Re-install Processor Air Duct

Replace processor air duct. Do not pinch any system cables. The tabs on the side of the air duct should line up with the corresponding slots on the chassis.



10 Re-install Enclosure Cover

- A Align enclosure cover over corresponding notches in chassis.
- B Slide enclosure cover toward front of chassis.
- C Secure enclosure cover to chassis with a flat-head screwdriver by aligning notch in cover with the lock symbol.



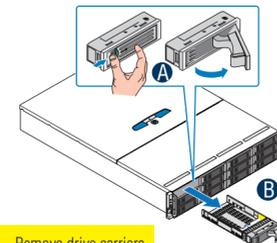
11 Connect Peripheral and I/O Devices

- A Plug a USB CD-ROM drive and a USB floppy drive into the USB ports on the back panel.
- B Connect a keyboard, mouse and/or other I/O devices.
- C Connect a VGA monitor.

NOTE: See the *Tested Hardware and Operating System List* at <http://support.intel.com/support/motherboards/server> for a list of supported floppy drives and CD-ROM drives.

12 Remove Hard Drive Carriers

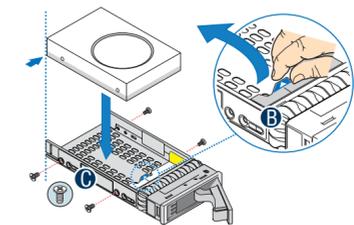
- A Release hard drive carrier from drive bay by pressing latch in handle towards drive hinge.
- B Once released, slide hard drive carrier out of drive bay.



WARNING: Remove drive carriers in order from 1 to the number of hard drives you intend to install. Empty drive carriers must remain installed.

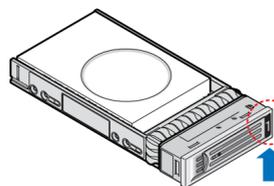
13 Install Hard Drives into Hard Drive Carriers

- A Set any jumpers and/or switches on the hard drive(s) according to the instructions that came with your hard drive(s).
- B Remove air baffle from inside of drive carrier.
- C Position the drive with circuit side facing down, connector end of drive facing rear of drive carrier, and drive aligned with back edge of drive carrier. Attach drive to carrier with four screws.



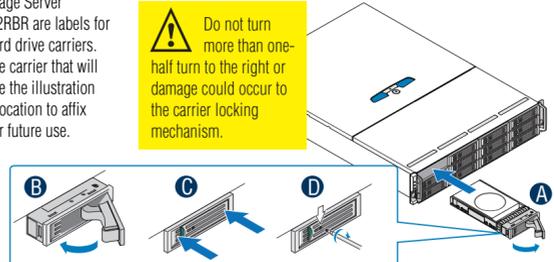
14 Install Hard Drive Carriers

WARNING: Never change the bay position of a hard drive once the storage system has been configured and appropriate RAID levels have been applied to it. If a hard drive is removed, it must be re-installed in the same hard drive bay from which it was removed. Failure to do this may cause data on the hard drive to become inaccessible.



- A With lever in the fully open position, slide drive carrier into chassis. Do not push on lever until lever begins to close by itself.
- B Once lever begins to latch, close lever to lock drive carrier into place.
- C Press on both sides of drive carrier to ensure that drive carrier is properly seated and connected to backplane.
- D Use the T10 TORX* screwdriver provided to lock hard drive carrier to chassis by turning clockwise until lock symbol appears in window.

WARNING: Do not turn more than one-half turn to the right or damage could occur to the carrier locking mechanism.

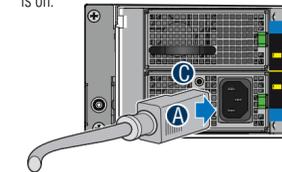


Drive carriers are numbered 1 through 12 and must be installed into the drive bay of the same number. Begin with the top row of drive bays and move left to right. Proceed to the middle row of drive bays, starting at the far left. Complete installation with the bottom row of drive bays, moving left to right.

Included with the Intel® Storage Server SSR212MC2BR/SSR212MC2RBR are labels for you to use to identify your hard drive carriers. Affix a label to each hard drive carrier that will be filled with a hard drive. See the illustration above for the recommended location to affix labels. Save unused labels for future use.

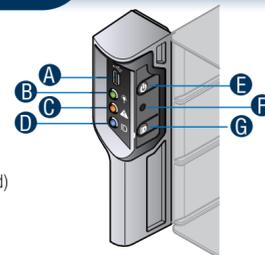
15 Plug in System

- A Connect power cord(s) to installed power supply module(s). Plug power cord(s) into power source. Secure power cord with power cord bail.
- B Power up system by pressing the front power button.
- C Ensure power supply LED is green. Green indicates power is on.



Front Panel

- A Mini USB Adapter
- B Power Active
- C Unit Fault
- D ID LED
- E On/Off Switch
- F System Reset (recessed)
- G ID LED Switch

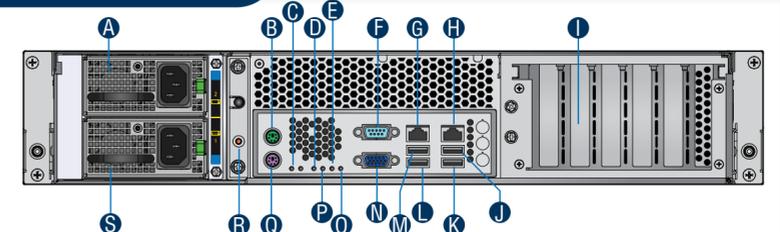


16 Install Software

- A **Configure RAID Controller Card**
 See your RAID controller card documentation on the Resource CD for detailed information on setting up volumes and RAID levels. For the Intel® Storage Server SSR212MC2BR, refer to the *RAID Software User Guide*, included on the Resource CD, for instructions on installing the RAID driver.
- B **Install Operating System or Storage Software**
 See your operating system and storage software documentation for installation instructions.

- C **Install Operating System Drivers**
 On Linux operating systems, browse the Resource CD to locate the appropriate drivers to install. For Microsoft Windows* installations, load the Resource CD and select **Software** from the top menu and then **Windows** to obtain a list of specific drivers that can be installed.
- D **Install StorView® Enclosure Management Software**
 On the Resource CD, select the appropriate StorView® Enclosure Management Software for your operating system. The StorView® Enclosure Management Software is optional, but allows you to monitor fans, hard drives, power supply voltages, temperatures, etc.

Back Panel



- A Power Supply Module 2 (optional)
- B PS2 Mouse Port
- C System Status LED
- D MSB (POST LED)
- E Bit 1 (POST LED)
- F Serial Port
- G NIC Port 1 (1 Gb)
- H NIC Port 2 (1 Gb)
- I PCI Cards
- J USB Port 0
- K USB Port 1
- L USB Port 3
- M USB Port 2
- N Video Port
- O LSB (POST LED)
- P Bit 2 (POST LED)
- Q PS2 Keyboard
- R ID LED
- S Power Supply Module 1

17 Install Rail Kit (Optional)

Refer to the *Rail Kit Install Guide* that is included with your rail kit for instructions on assembling your storage system for a rack-mount configuration.