Install Optical Device (optional)

1. Remove the Empty Tray
   - Remove the empty bay and secure the access cover with the two screws located on the right.
   - For installing optional USB fan shroud, use the supplied screws, 6 mm x 3 mm, at all locations on the right.

2. Install the Interposer Board
   - Place the interposer board connector into the matching connector on the back of the optical device.
   - The interposer board must be installed if you will connect a fixed drive in place of a CD-ROM, see #5 below.

3. Install Device into the Tray
   - Place the two latches on the side of the riser card connector with the blue latch on the riser card.
   - Push the interposer board into the optical device until it clicks into place.

4. Secure Interposer Board to Device Chassis
   - Make sure the interposer board is seated in the backplane.
   - Squeeze the blue release lever on the interposer board and press the clip to lock it into place.

5. Install Optical Device Tray Assembly into the Chassis
   - To install the optical device, seat the device on the backplane.
   - The riser card will seat into the matching top cover.
   - Secure the device by pinching the system cables.

Install Add-in Card(s)

- **Full-height Side of PCI Riser Shown**

1. Open rear retention clip by pulling the blue latch up and sliding the blue latch open
2. Remove front retention clip by pulling the blue latch in the device and sliding the clip to the degree desired
3. Insert add-in card until all the add-in card is seated in the slot
4. Reinstall the riser card

Install PCI Add-in Card Riser Assembly

- **Riser Card Assembly**

1. **Pre-installation**
   - Slide the riser assembly to the back of the chassis
2. **Interposer Board**
   - Place the interposer board onto the riser card
3. **Riser Card**
   - Place the riser card onto the interposer board
4. **Final Assemble**
   - Squeeze the blue release lever on the interposer board and push back on the blue riser lever.

Install RAID Battery Backup Unit (BBU) (optional)

1. **Leading Edge**
   - The BBU BRU has an internal battery power cable. Open the BBU case as shown.
2. **Battery Power Connector**
   - Remove the blue release lever on the BBU case.
3. **Battery Power Connector**
   - Insert the battery power cable into the BBU case as shown.

Install Hard Drives/Carriers

1. **System ID LED**
   - Note: Only for machines with support for SATA drives. Location 3 requires additional drives.
   - Remove fixed drive connector for B and connect the B connector for the blue slot into the connector for the blue case.
   - Connect the power cable between the carrier and the drive.

Install Second Power Supply Module (optional)

1. **Power Supply Module**
   - Install the second power supply module onto the chassis.

Install Processor Air Duct

1. **Interposer Board**
   - See the Service Guide for instructions on installing the optional add-in card tray.

Install Additional Drives (optional)

1. **Riser Card Assembly**
   - Push back on the blue slot drive.
   - See the Service Guide for instructions on installing the optional add-in card tray.

Install Second Power Supply Module (optional)

1. **Interposer Board**
   - Insert the power supply module into the power supply slot.

Install Rack Handles

1. **Rack Handle Assembly**
   - See the Service Guide for instructions on installing the optional add-in card tray.

Install Intel® Local Control Panel (optional)

1. **Front Panel**
   - Press the blue locking lever and push forward to release the control panel from the chassis.

Finish Up

1. **Rack Mounting Kit**
   - Download the latest version of the Intel® System Management Software from the web page.

Software – I/O Drives, and Operating System Installation

A. **Update the System Software**
   - Download the Intel® Server Deployment Toolkit CD.
   - Download the latest version of the Intel® System Management Software from the web page.

B. **Configure your RAID Controller**
   - Insert the Intel® RAID Actuation Key into the midplane board.

C. **Install your Operating System**
   - Include the instructions provided with the RAID card.

D. **Install Operating Systems Drivers**
   - During the operating system networking, insert the Intel® RAID Activation Key into the midplane board.

E. **Install Intel® System Management Software (optional)**
   - Use the Intel® Server Management Software to update the software.