Install Active System Components...for a Passive System, skip this step

Install Intel® RAID Activation Key and RAID Mini-DIMM (optional)
1. Insert the Intel® RAID Activation Key into the midplane board located as shown.
2. Open the key slot and slide the key into place.
3. Close key slot.

Check RAID BBU (Battery Connection)
1. The RAID BBU has an external charging power cable. Open the BBU cover and attach the cable as shown.
2. Close the BBU cover.

Install RAID Battery Backup Unit (BBU) (optional)
1. The RAID BBU has two brackets on the rear side. Align these brackets with the matching chassis tabs and close the back panel.
2. Push back on the black lever and slide into place.

Install the hard disk drive(s) into the chassis opening as shown.

Install Additional Drives (optional)
1. Make sure the system top cover is installed.

Install Second Power Supply Module (optional)
1. Install processor power supply module and attach with two screws as shown.
2. Close the back panel.

Install Processor Air Duct
1. Use care to avoid pinching system cables.
2. Slide the processor air duct into the chassis opening and push all the way until it stops.

Install Intel® Local Control Panel (optional)
1. Use the instructions provided with the Intel® Local Control Panel to install as shown.
2. Slide the standard control panel and cables out of the chassis.

Install PCI Add-in Card Riser Assembly
1. If the rear PCI slot is not being used, open front retention clip as shown.
2. Pull out on the black handle.
3. Open front retention clip by pressing the green latch to unlock.
4. Remove the power supply cables from the chassis.
5. Slide the riser card into the slots shown to lock into place.

Replacing the Riser Card (optional)
1. Pull back on the blue lever.
2. Slide the riser card into place.
3. Place the riser card into position.
4. Slide the riser card in the direction shown to lock it in place.

Remove the riser card
1. Pull back on the blue lever.
2. Push back and hold the blue lever in final position.

Install Hard Drives/Carriers
1. Make sure the key snaps into the socket.
2. Close the key slot.

Remove Standard Control Panel Install Local Control Panel
1. Use the instructions provided with the Intel® Local Control Panel to install as shown.
2. Close the back panel.

Remove Standard Control Panel
1. Disconnect the face cable from the back panel.
2. Press the blue locking lever and push forward to release the card.

Install Ctrl Panel Accessory Cable
1. Connect the USB and data cables to the local control panel as shown.
2. Connect the control panel cables to the D100 control panel.
3. Use care to avoid pinching system cables.

Install Rack Handles
1. Select the board that matches your control panel and install as shown.

Install Bezel (optional)
1. Place the bezel onto the server system.

Install Top Cover
1. Install the bezel and install as shown.

Finishing Up
1. Make sure the system top cover is installed.
2. Install the server in the rack using the instructions provided with the server system.
3. Connect your USB keyboard/mouse, video and other IO cables as shown. Then connect the AC power cord(s).

Software - BIOS, Drivers, and Operating System Installation
A. Update the System Software
1. Go to the Intel® Server Configurator Tool.
2. Use the latest BIOS firmware and drivers provided with this kit.

B. Configure your RAID Controller
1. Use the RAID Configuration GUI to configure your RAID controller.
2. Use the RAID Configuration GUI to configure your RAID controller.
3. Use the RAID Configuration GUI to configure your RAID controller.

C. Install Operating System Drivers
1. Use the instructions provided with the RAID controller.
2. Install Server Board Drivers.
3. Install server board drivers.

D. Install Operating System
1. Install the operating system using the instructions provided with the operating system.
2. Install the operating system using the instructions provided with the operating system.
3. Install the operating system using the instructions provided with the operating system.

Reference
A. http://support.intel.com/support/motherboards/server/s5520ur/
B. http://www.intel.com/support/motherboards/server/s5520ur/
C. http://www.intel.com/support/motherboards/server/s5520ur/
D. http://www.intel.com/support/motherboards/server/s5520ur/