

11 Install Fixed Hard Drives into Carriers (without Backplane only)

A. Remove the Plastic Air Baffle

B. Install the Hard Disk Drive

Attach with four screws.

12 Install Hard Drive Carriers into Chassis (without Backplane only)

Slide each carrier into a drive opening until the carrier latch clicks into place.

13 Installing Power Cables to Floppy/CD/DVD Devices (without Backplane only)

Your accessory kit includes a Y-cable for attaching power to both a slim-line device and/or a 3.5" device installed in the bottom left drive bay in place of a hard disk drive. Connect as shown.

3-pin Power to CD-ROM

4-pin Power to Floppy

From Power Supply

Y-cable

SATA Power Cable

14 Install SATA Power and Data Cables (without Backplane only)

1 Attach power and data cables to each drive.

2 Route all cables approximately as shown.

3 Attach SATA power adapter cable to power supply 2X3 connector as shown in detail at left.

4 Attach data cables to server board as shown.

Note: If you wish to install a third SATA hard drive, you must install an optional SATA add-in card.

15 Make System Connections (without Backplane only)

• Front Panel USB Cable and Front Panel Ribbon Cable

1 Route front panel USB cable as shown and connect to server board.

Note that cable goes between the snap-standoffs as indicated.

2 Route front panel ribbon cable as shown and connect to server board.

Skip this procedure if you installed an optional backplane board and go to Step 16.

16 Make System Connections

• Main Power Cable, CPU Power Cable and Power Signal Cable

1 Connect main power cable to server board as shown.

2 Attach CPU power cable as shown.

3 Attach power signal cable as shown.

17 Make Fan Module Power Connections

1 Connect fan board ribbon cable to server board as shown.

2 Connect fan module cable to server board as shown.

18 Install the Power Supply Air Baffle

The baffle is held in place by three snap-standoffs on the chassis floor.

1 Route cabling according to the legend below and snap the air baffle into place.

Cabling Legend:

Cable routing through REAR notch:

- Auxiliary Power

Cables routing through BOTTOM notch:

- Main power cable
- CPU Power Cable

Cable routing through TOP notch:

- Front Panel USB
- SATA cables

Route front panel ribbon cable as shown at far right.

Note: Front tab of air baffle must fit under the drive bay cover prior to lowering into chassis standoffs to ensure a proper fit.

19 Preparing to Install Processor Air Duct Over Two Processors

If installing two processors, the plastic tab on the processor air duct must be removed. If installing only one processor, disregard this step and proceed to the next step.

20 Install Processor Air Duct

Install processor air duct as shown. Use care to avoid pinching system cables.

21 Install Rack Handles

22 Install the Top Cover

Place cover onto the chassis and slide forward until it latches.

23 Install Bezel (optional)

24 Rack/Rail Kit Installation

Rail Kit: See the documentation that came with your selected rail kit and rack system to complete installation.

25 Finishing Up

Before installing your operating system, you must finish your chassis 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.

• Connect your keyboard, mouse, video and other I/O cables as shown.

• Then connect the AC power cable.

26 Software Installation

• Drivers, Firmware, and Software Installation

A. Confirm BIOS and FRU/SDR Versions

Look on the Server/System Management screen in the BIOS Setup Utility to determine the installed BIOS and FRU/SDR versions. Compare these to the versions at: <http://support.intel.com/support/motherboards/server/SR1435VP2/>. If new versions are available, update the BIOS and FRU/SDR on your server. See the User Guide on the Intel® Server Deployment Toolkit CD for update instructions.

B. Configure your Server with the Server Configuration Wizard

Boot to the Server Board SE7320V2 Intel® Server Deployment Toolkit CD. Select the Server Configuration Wizard to configure your server for remote server management. Unless you have downloaded a newer version of the FRU/SDR from the Web, use the Server Configuration Wizard also to load the FRU/SDR.

C. Configure your RAID Controller (optional)

Use the instructions provided with the RAID controller.

D. Install your Operating System

Use the instructions provided with the RAID controller and with the operating system.

E. Install Operating System Drivers

With the operating system running, insert the Intel® Server Deployment Toolkit CD. If using a Microsoft® Windows® operating system, the Express Installer will autoun and allow you to select the appropriate drivers to install. On other operating systems, browse the CD folders to locate and install the driver files.

F. Install Intel® Server Management 8 (optional)

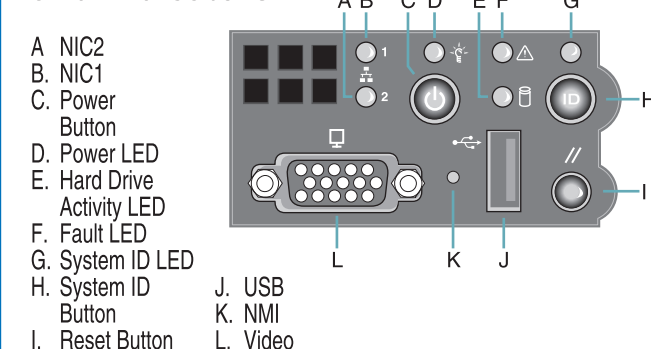
With the operating system running, insert the Intel® Server Management 8 CD that came with your server board. On a Windows® operating system, the Setup program will auto-run. Follow the on-screen instructions. For installation details, see Getting Started with Intel® Server Management 8, located on the ISM CD.

G. Install Intel® SmaRT Tool (optional)

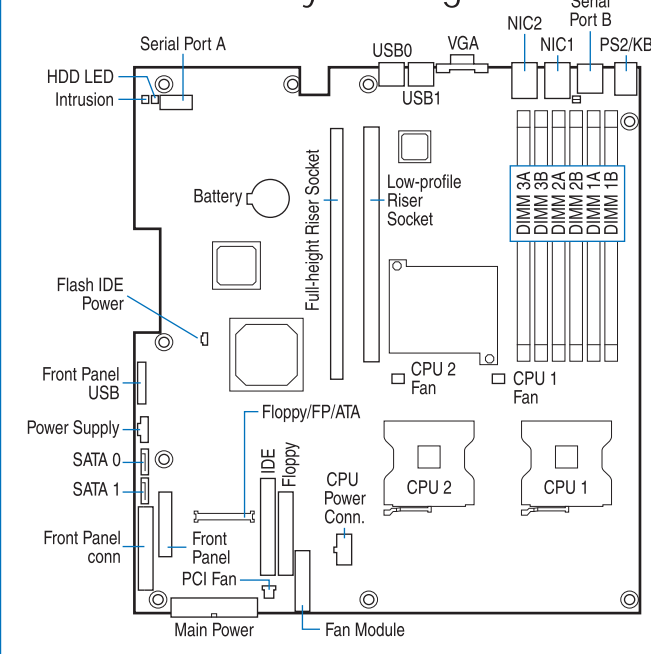
With the operating system running, insert the Intel® Server Deployment Toolkit CD. The Express Installer will autoun. Click Intel® SmaRT Tool at the left side of the screen. Follow the on-screen instructions. For information about Intel® SmaRT Tool, see: <http://developer.intel.com/design/servers/smarttool/index.htm>.

Reference

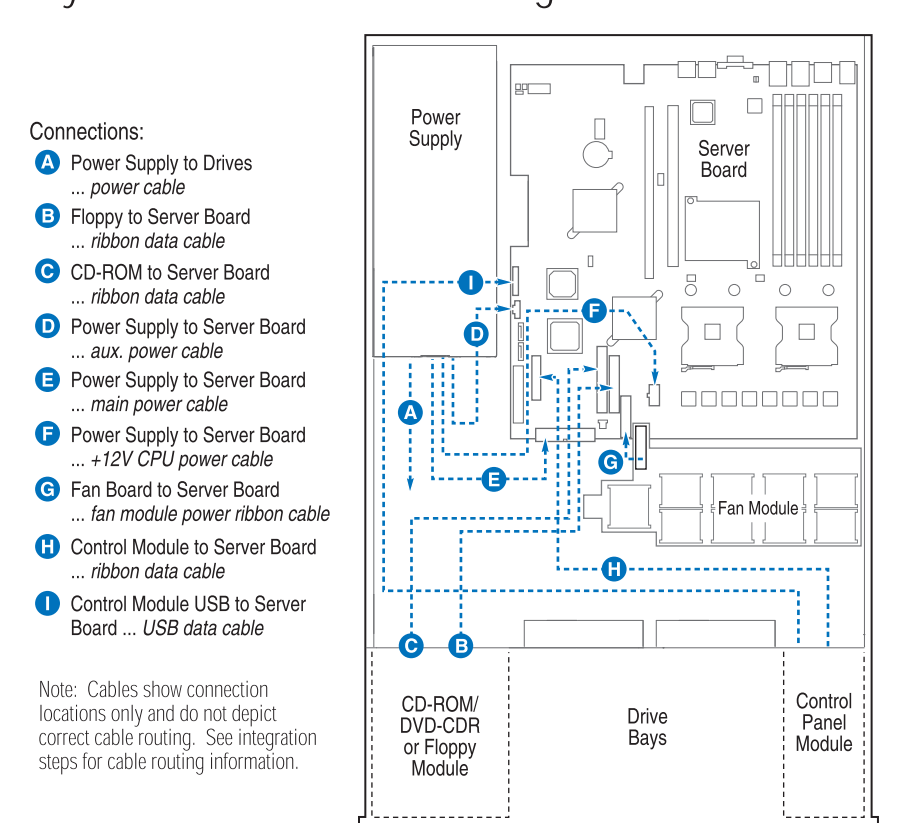
Standard Control Panel Controls and Indicators



Server Board Layout Diagram



System Cable Connection Diagram



Accessories and Order Codes

Spare Power Supply	FDW450WPS	Slimline DVD/CDR	AXXDVDCDR
1U Full-Height PCI Express® Riser	ADWPCIEXP	AXXFLOPPY	
1U Full-Height PCI-X Riser	ADWPCIXR		
1U Low-Profile PCI-X Riser	ADWLPRISR	AXWBZBLACK	
1U/2U Fixed Rack Mounting Kit	AXXBRACKETS	iDiskOnChip® Power Connector	AXXFLASHPWR
1U/2U Sliding-Rail Rack Kit	AXXHERAIL	Chassis Spares Kit	ADW1UCHSPRKIT
Slimline CD	AXXSCD	Electrical Spares Kit	ADW1UEESPRKIT

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