

9 Install Slimline DVD/CD-ROM Drive (optional)

- If you have not already removed the DVD/CD-ROM tray from the chassis, remove it now. Push the blue release tab in the direction shown to remove.
- Align the two holes on the left edge of the DVD/CD-ROM drive with the two cutouts in the tray.
- Lower opposite side of DVD/CD-ROM drive into tray until it clicks into place.
- Align DVD/CD-ROM connector with connector on interposer board and install.
- Attach interposer board with two screws.
- Attach CD-ROM cable to interposer board.
Note: CD-ROM cable ends are labeled.
- Install DVD/CD-ROM drive into slimline drive bay until it clicks into place.
- Connect the opposite end of the DVD/CD-ROM cable to the backplane IDE connector as shown.

10 Install Slimline Filler Panel

Note: Skip this step if you have installed either a slimline floppy drive or a slimline DVD/CD-ROM drive.

- Remove the DVD/CD-ROM tray from the slimline drive bay by depressing the blue latch and sliding the tray out of the chassis.
- Install the slimline filler panel into the empty slimline drive bay.

11 Install Add-in Card(s) (optional)

- Open rear retention clip.
- Remove filler panel.
- Insert add-in card until it seats in riser connector.
- Make sure add-in card bracket inserts into slot. Close retention clip.

CAUTION: Observe normal ESD precautions when installing add-in cards.

Left Side Supports three full-height PCI cards.
Right Side Supports Lo-profile PCI cards only(3).

12 Install Intel® Management Module (optional)

Refer to the documentation that shipped with your Intel® Management Module for installation instructions.

13 Install Add-in Card Riser Assembly

To install the riser assembly:

- Position riser card edge connectors over the server board riser sockets.
- Press down uniformly until the three hooks at rear of riser assembly engage the chassis back panel slots.

CAUTION: If you did not install add-in cards, the riser assembly still must be installed to ensure proper system cooling.

14 Remove Processor 2 Air Dam if Two Processors are Installed

- Turn processor air duct over to reveal underside.
- Remove air dam by sliding slotted holes off of duct pins.

15 Install Processor Air Duct

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

16 Install Top Cover

- Place cover onto chassis and slide forward until it latches.
- Replace the shipping screw if you plan to move the system to a new location.

17 Install Rack Handles

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

18 Install Bezel (optional)

Skip this step if you did not order the optional bezel.

Note: The bezel key is taped to the back of the bezel.

Reference

Optional Accessories and Order Codes	
SR2400 Tool-less Rail Kit	AXXHERRAIL
Cable Management Arm	AXXRACKARM
Fixed Rack Brackets	AXXBRACKETS
Bezel for SR2400 Standard Control Panel	ADRBZBLACK
Bezel for SR2400 Intel Local Control Panel	ADRLCDBEZEL
Intel® Local Control Panel	AXXLCPRACK
Full-height PCI-Express™ Riser	ADRPCIEXP
Full-height PCI-X Riser	ADRPCIXRIS
Full-height PCI-X Active Riser	ADRACTRIS
Slimline CD-ROM Drive	AXXSCD
Slimline Floppy Drive	AXXFLOPPY
Slimline DVD-ROM / CD-ROM Drive	AXXDVDCDR
SR2400 700W Power Supply	ADR700WPS

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

Standard Control Panel Controls and Indicators

A NIC2 G. System ID LED
 B. NIC1 H. System ID Button
 C. Power I. Reset Button
 Button J. USB
 D. Power LED K. NMI
 E. Hard Drive L. Video
 Activity LED
 F. Fault LED

System Cable Connection Diagram

Connections

- A Power Supply to Backplane...power (SCSI)
- B CD-ROM to Backplane ... flat cable
- C CD-ROM to Backplane ... ribbon cable
- D Backplane to Server Board ... SCSI cable
- E Backplane to Server Board ...Front Panel USB
- F Power Signal to Server Board ...Power Signal Connector
- G Power Supply to Server Board ...Main Power Connector
- H Backplane to Server Board ...flex cable
- I Power Supply to Server Board ...+12V CPU Power
- J Backplane to Fan Module
- K Control Panel Module to Backplane

19 Finishing Up the Hardware

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

- Replace the system cover.
- Connect your keyboard, mouse, video and other I/O cables as shown.
- Connect AC power cable.

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

20 Installing the Software

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/SE7520JR2/>. 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 SE7520JR2 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 autorun 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 Manager 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 autorun. 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>.

Intel® Server Board SE7520JR2 Layout