8 — Install Slimline DVD/CD-ROM Drive (optional)

1. 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.
2. Align the two holes on the left edge of the DVD/CD-ROM drive with the two cutouts in the tray.
3. Lower opposite side of DVD/CD-ROM drive into tray until it clicks into place.
4. Align DVD/CD-ROM connector with connector on interposer board and install.
5. Attach interposer board with two screws.
6. Attach CD-ROM cable to interposer board. *Note: CD-ROM cable ends are labeled.*
7. Install DVD/CD-ROM drive into slimline drive bay until it clicks into place.
8. Connect the opposite end of the DVD/CD-ROM cable to the backplane IDE connector.

CD-ROM Tray
Interposer Board
Backside View of Interposer Board
Backplane IDE Connector
SCSI Backplane

9 — Install Slimline Filler Panel

Note: Use this step only if you did not install a slimline floppy or DVD/CD-ROM drive.

1. 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.
2. Push the filler panel into the opening as shown.

CD-ROM Tray

10 — Install Add-in Card(s) (optional)

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

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

Left Side Supports Full-Height PCI card.
Right Side Supports Lo-profile PCI card only.
Retention Clip
Add-in Card

11 — Install Intel® Management Module (optional)

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

12 — Install Add-in Card Riser Assembly

To install the riser assembly:
1. Position riser card edge connectors over the server board riser sockets.
2. Press down uniformly until the four hooks engage the chassis back panel.

Chassis Hooks (4)
Riser Connectors
Back Panel
Hooks
Slots
Rear View of Chassis Back Panel and Riser Assembly

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

13 — 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.

14 — Install Processor Air Duct

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

15 — Install the Top Cover

1. Place cover onto the chassis and slide forward until it latches.
2. Install screw.

16 — Install the Rack Handles

17 — Install the Bezel (optional)

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

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

18 — Install Rail Kit (optional)

See the documentation that came with your selected kit for installation instructions.

Reference

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.
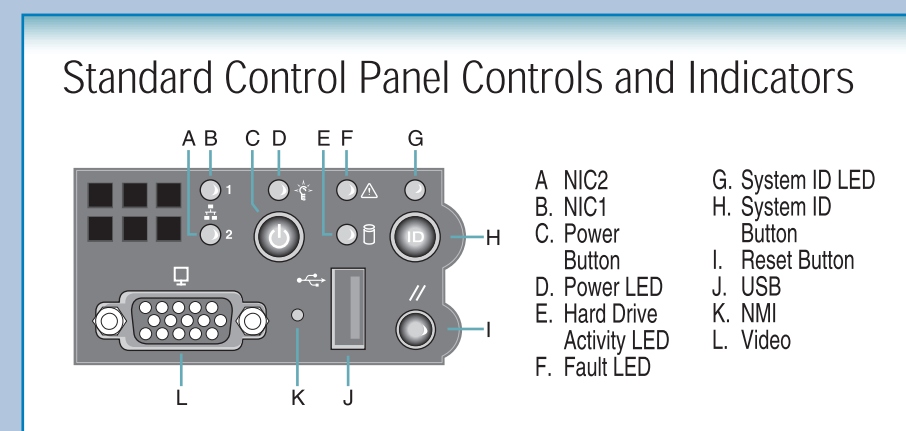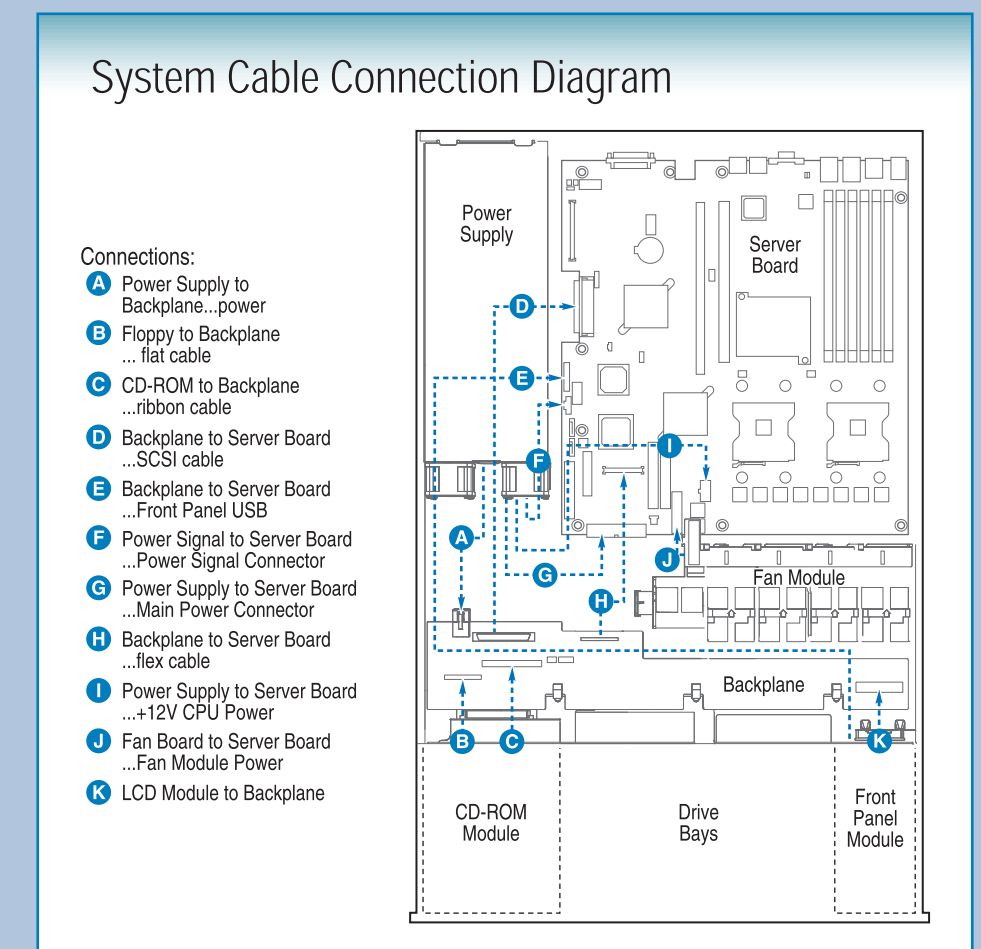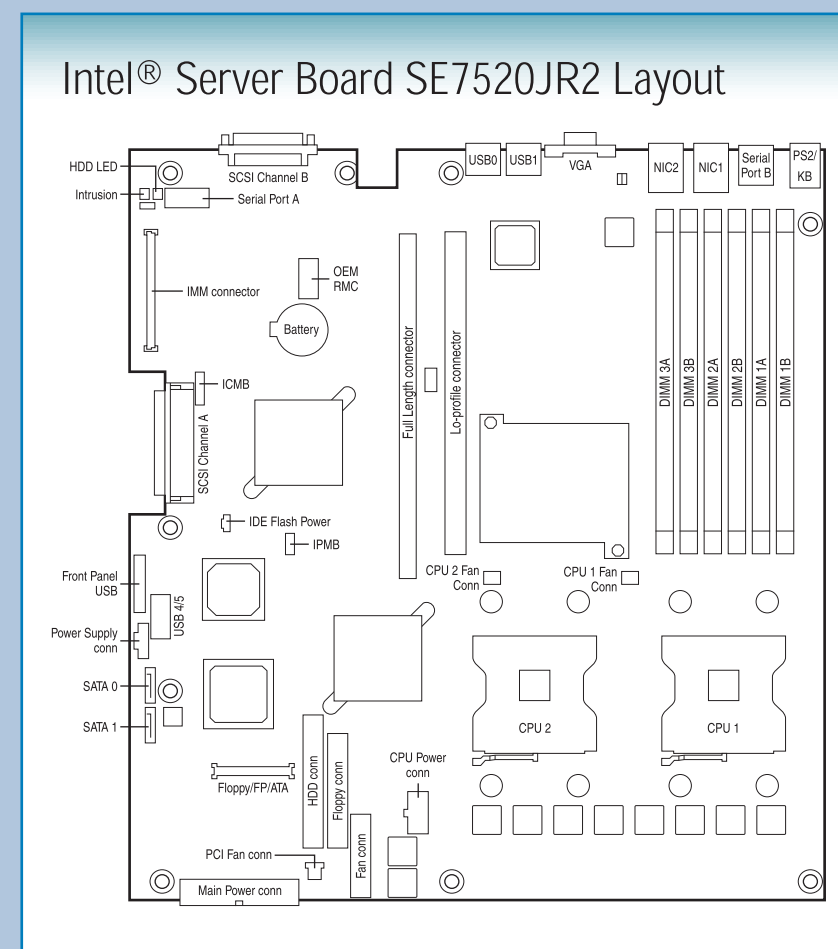
Mouse/Keyboard
External SCSI
AC Power
Serial Port B
NIC1
NIC2
Network
USB 0, 1
Video

1. Replace the system cover.
2. Connect your keyboard, mouse, video and other I/O cables as shown.

Then 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

HDD LED
Intrusion
SCSI Channel B
Serial Port A
USB0 USB1 VGA NIC2 NIC1 Serial Port B PS2/KB
IMM connector
OEM RMC
Battery
ICMB
SCSI Channel A
Full Length connector
Lo-profile connector
DIMM 3A / DIMM 3B / DIMM 2A / DIMM 2B / DIMM 1A / DIMM 1B
IDE Flash Power
IPMB
CPU 2 Fan Conn
CPU 1 Fan Conn
Front Panel USB
Power Supply conn
USB 4/5
SATA 0
SATA 1
CPU 2
CPU 1
Floppy/FP/ATA
Floppy conn
Fan conn
CPU Power conn
PCI Fan conn
Fan conn
Main Power conn

System Cable Connection Diagram

Connections:
A. Power Supply to Backplane...power
B. Floppy 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. Fan Board to Server Board ...Fan Module Power
K. LCD Module to Backplane

Power Supply
Server Board
Fan Module
Backplane
CD-ROM Module
Drive Bays
Front Panel Module

Standard Control Panel Controls and Indicators

A B C D E F G

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

L K J

Accessories and Order Codes

Accessories and Order Codes	
Intel® Local Control Panel	AXXLCPRACK
Bezel for Intel® Local Control Panel	ADWLCDBEZEL
Bezel for Standard Control Panel	ADWBEZBLACK
Slimline Floppy Drove	AXXSFLOPPY
Slimline CD-ROM Drive	AXXSCD
Slimline CD-ROM/DVD-ROM Drive	AXXDVDCDR
Spare Single Fan	ADWFAN
500W Power Supply	FDW500WPS
Full-height PCI-X Riser Connector	ADRPCIXRIS
Full-height PCI-Express Riser Connector	ADRPCIEXPR
Tool-less Rail Kit	AXXHERAIL
Rack Brackets	AXXBRACKETS
Cable Management Arm	AXXRACKCARM

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