

Install Intel® RMM NIC Module

Install Foam Gasket

A self-adhesive foam

the NIC module.

gasket is required to

Remove the backing

paper from the spacer

and install as shown.

Note: NIC module is

shown upsidedown.

protect the underside of



1. Remove the Empty Tray



nust be installed if you o not install device at

Install Intel® RMM Module

Insert the standoff

TH4 on the Intel®

Remote Management

Module. The standoff

installs on the bottom

Remote Management

side of the Intel®

Attach the Intel® Remote Management Module to the server

board connector and

snap the standoff into

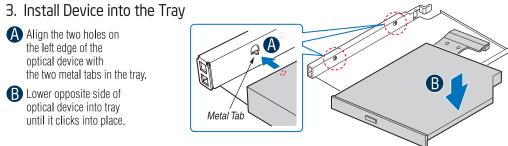
the matching hole in the server board.

Module.

into the hole labeled Standoff

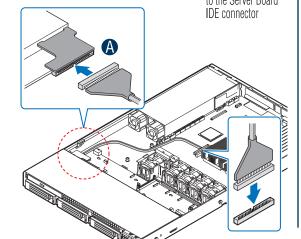
A Align the two holes on the left edge of the optical device with the two metal tabs in the tray.

B Lower opposite side of optical device into trav until it clicks into place.



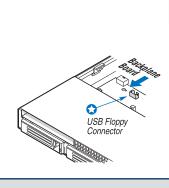
Install Optical Device Data Cable Note: Both ends of the IDE cable are labeled.

A Connect one end of the IDE cable to the B Connect the opposite rear of the interposer board. end of the IDE cable to the Server Board



Install USB Floppy (optional)

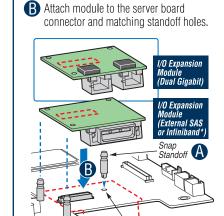
★ For installing the optional USB floppy drive, note the location of the backplane USB floppy connector below and refer to the documentation that came with the device for installation instructions.

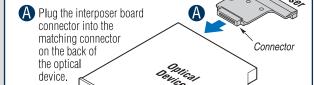


Install I/O Expansion Module

Remove Module Covers A Install the three standoffs to the server Prior to installing the I/O Module and/or the Intel® RMM Modules.

Install I/O Expansion Module (optional)





Install Intel® Remote Management Modules (optional)

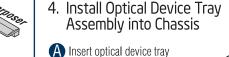
Install the three standoffs

Attach module to the

to the server board first.

server board connector

and matching standoffs.



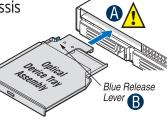
Standoff Snaps

into Server

Board Hole

B

assembly into the chassis R Verify that the blue release lever on the tray locks into place.



ınteı≃ −RMM

Board Conn.

Server Board

B. Configure your RAID Controller: If using a RAID card, use the instructions provided with the RAID controller. If using on-board RAID, you must activate RAID in the BIOS setup. See

the Intel® 5000 Series Chipsets Server Board Family Datasheet for more information.

operating systems, browse the CD folders to locate and install the driver files

Management Software from

C. Install your Operating System: Use the instructions provided with the RAID

D. Install Operating System Drivers: With the operating system running, insert the

Intel® Server Deployment Toolkit 2.0 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

E. Install Intel® Remote Management Software: If you installed the Intel® Remote Management Module and the Intel® RMM NIC, download and install the Intel® Remote

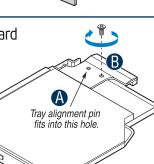
F. Install Intel® SMaRT Tool (optional): With the operating system running, insert the

Intel® Server Deployment Toolkit 2.0 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.

5. Secure Interposer Board to Device Tray A Make sure interposer board

fits onto alignment pin on device tray. B Attach with screw as shown.



B the PCI riser assembly engage the chassis back panel slots.

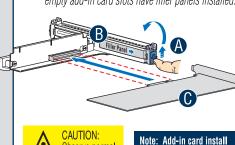
A Open rear retention clip by pushing blue slide upward and rotating clip fully open.

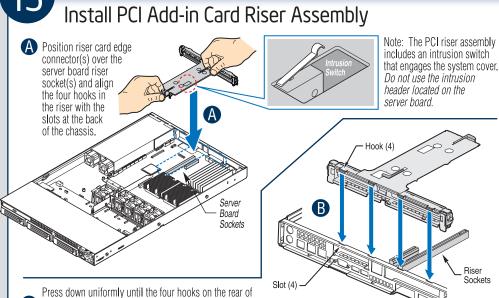
sequence for low-profile add-in cards on opposite side of PCI riser is the same

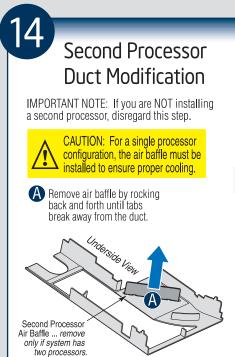
Remove filler panel from the selected add-in card slot. Insert add-in card until it seats in riser connector.

Install Add-in Card(s)









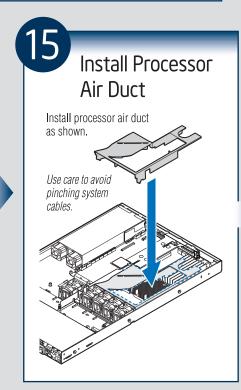
you must remove the

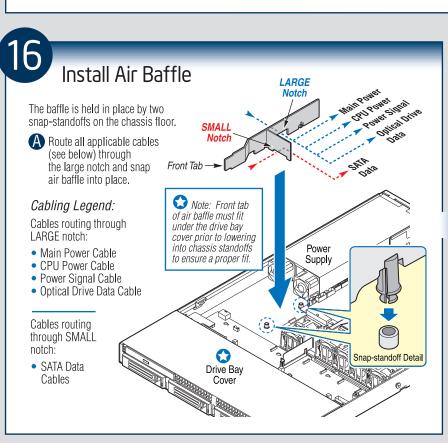
corresponding module cover(s).

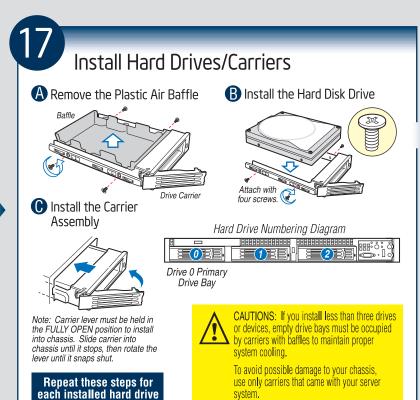
A Squeeze the sides of each

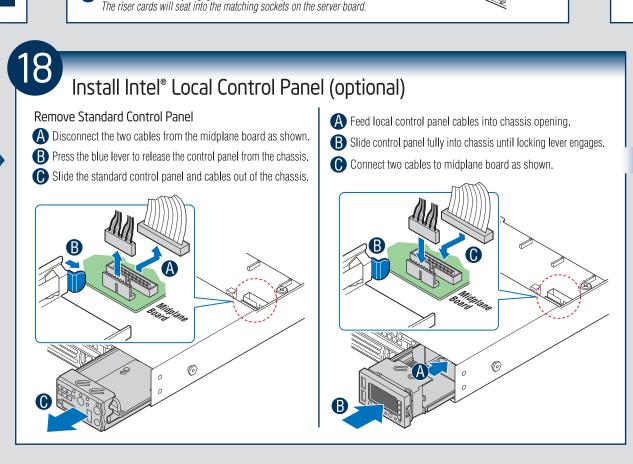
the chassis back panel and remove.

cover to disengage from

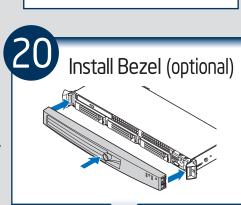




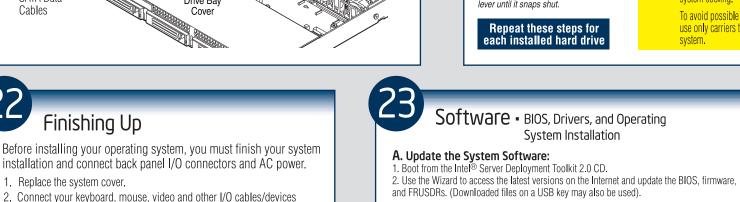


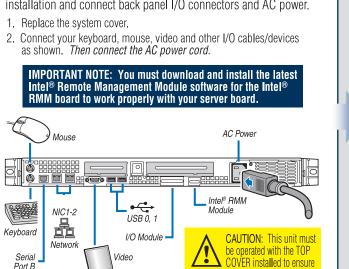












proper cooling.



Front Panel Controls and Indicators Intel® Local Control Panel A USB 2.0 Port E. Menu Control Button

F. Menu Control Button B. LCD Display C. Menu Control Button G. ID LED D. Menu Control Button H. Power LED

Power Button System Status K. NIC 2 Activity NIC 1 Activity LED M. HDD Activity LED I. Reset Button O. USB 2.0 Port

Activity LED Power Button F Status LED

Standard Control Panel E. Hard Drive H. System ID Réset Button J. USB . Power LED G. System ID LED K. NMI ABCDEFGL. Video

Intel® Server Board S5000PAL Serial A Component Layout

See your Intel® Server Board S5000PAL User's Guide for expanded component and connection information.

 $\Box\Box$ նորորորու Intel® RMM SATA 4 SATA 3 \circ \circ \circ Bridge Board _ Connector SATA 1 IDE Optical Drive -CPU 1 Socket SATA 0 USB 0-1 -CPU Voltage Regulator



Optional Accessories and Order Codes Tool-less Rail Kit Cable Management Arm Basic Slide Rail Kit Fixed Bracket Kit Bezel for Standard Control Panel Bezel for Intel® Local Control Panel Slimline CD-ROM Drive AXXSCD

Slimline DVD-ROM/ CD-ROM Drive AXXDVDCDR Intel® Local Control Panel AXXLCPRACK Dual Gigabit I/O Expansion Module AXXGBIOMOD SAS I/O Expansion Module **AXXSASIOMOD** Full Height PCI-X* Riser ADWPCIXR Intel® Remote Management Module AXXRMM

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

AXXHERAIL

AXXRACKCARM

AXXBASICRAIL

AXXBRACKET

ADRBEZBLACK

ADRLCDBEZEL