Intel[®] Server Board S1200V3RP Family Products **Quick Start User's Guide**

Thank you for buying the Intel® Server Board S1200V3RP Family Products. The following information will help you integrate your new server board into a server chassis. This document is using Intel[®] Server Board S1200V3RPL with Intel[®] Server Chassis P4000 series as an assembly example.

For details on these chassis or to select a third party chassis, please visit http://www.intel.com/go/serverbuilder and

When installing the server board into a reference chassis, refer to the reference chassis instructions.

If you are not familiar with ESD (ElectroStatic Discharge) procedures used during system integration, please see the Intel[®] Server Board S1200V3RP Service Guide, available on the Intel[®] Server Deployment Toolkit DVD or at h

Please boot to the Intel[®] Server Deployment Toolkit DVD first for BIOS and firmware configuration and updates.

Read all cautions and warnings first before starting your server system integration.



Warning

Read all caution and safety statements in this document before performing any of the instructions. Also see the Intel® Server Board and Server Chassis Safety Information document at: http://www.intel.com/support/ motherboards/server/sb/cs-010770 .htm for complete safety information.

Warning

Installation and service of this product should only be performed by qualified service personnel to avoid risk of injury from electrical shock or energy hazard.

Caution



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Install the Server Board

IMPORTANT NOTE: If you are using a non-Intel[®] server chassis, see your chassis documentation for preparatory steps prior to server board installation.

A. Insert the Server Board

Place the board into the chassis, making sure that the back panel I/O openings and chassis standoffs align correctly. • When using the Intel[®] Server Chassis P4000S series, insert the front of the board

first, then slide the board back so the I/O connectors fit through the I/O openings at the rear of the chassis Intel® Server Chassis P4000 series Shown I/O Opening:

Front edge



B. Attach the Server Board

The directions below are for the Intel[®] Server Chassis P4000S series.

For a non-Intel[®] server chassis, use the fasteners that came with your chassis.





5

Install the Processor ... continued

E. Close the Load Plate Carefully lower the load plate

over the processor.



Load Plate Front Edge

G. Latch the Locking Lever A Push down on the locking lever.

CAUTION: DO NOT damage the server board with the tip of the locking lever. **B** Slide the tip of the lever under the notch in the load plate. *Make sure* the lever is securely latched.

H. Remove the Cover

Carefully lift the cover straight up as shown. Save the over.



following minimum requirements:











//o Shield	AS1200V3RPIOS
Intel [®] Trusted Platform Module	AXXTPME5
SATA Slim-Line DVD	AXXSATADVD
Intel [®] Integrated RAID Module	RMTPB080
Intel [®] Integrated RAID Module	RMS25PB080
Intel [®] Integrated RAID Module	RMS25PB040
Intel [®] Integrated RAID Module	RMS25KB040
Intel [®] Integrated RAID Module	RMS25KB080
S1200V3RPL/RPO/RPM Common Accessories and Order Codes	ssories and Order Codes
Intel [®] Remote Management Module 4	AXXRMM4R
Intel [®] Remote Management Module 4 Lite	AXXRMM4Lite
Intel [®] Integrated RAID Module	RMS25CB040
Intel [®] Integrated RAID Module	RMS25CB080
Intel [®] Integrated RAID Module	RMS25JB040
Intel [®] Integrated RAID Module	RMS25JB080
S1200VRPO/RPM Common Accessories	s and Order Codes
Dual Port Intel [®] 10GbE I/O Expansion Module	AXX10GBNIAIOM
Dual Port Intel [®] 10GbE I/O Expansion Module	AXX10GBTWLIOM
Quad Port Intel [®] GbE I/O Expansion Module	AXX4P1GBPWLI0M
FDR InfiniBand* ConnectX-3* Module	AXX1FDRIBIOM
FDR InfiniBand* ConnectX-3* Module	AXX2FDRIBIOM
Additional Reference documents available at: http://www.intel.com/p/en_US/support/server.	

Document/Tool	Content
Technical Product Specification	In-depth technical information
Monthly Specification Update	Technical information and issues update
Spares, Parts List, and Configuration Guide	Supported accessories and spares list
Server Configurator Tool	Tested peripherals and operating systems list Tested memory list Supported processors list
Software and Drivers	Up-to-date firmware, driver, and utility information
Additional Reference documents available at:	



Note: Not all optional connections are shown in this diagram. Refer to your *Server Board Service Guide,* and your server chassis documentation for additional connection information.

Cables should be tied for better airflow. Use cable-ties compulsarily.

= Make this connection