



Product Change Notification

109425 - 00

Information in this document is provided in connection with Intel products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel products are not intended for use in medical, life saving, or life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice.

Should you have any issues with the timeline or content of this change, please contact the Intel Representative(s) for your geographic location listed below. No response from customers will be deemed as acceptance of the change and the change will be implemented pursuant to the key milestones set forth in this attached PCN.

Americas Contact: asmo.pcn@intel.com

Asia Pacific Contact: apagccb@intel.com

Europe Email: eccb@intel.com

Japan Email: jccb.ijkk@intel.com

Copyright © Intel Corporation 2009. Other names and brands may be claimed as the property of others.

Celeron, Centrino, Intel, the Intel logo, Intel Core, Intel NetBurst, Intel NetMerge, Intel NetStructure, Intel SingleDriver, Intel SpeedStep, Intel StrataFlash, Intel Viiv, Intel XScale, Itanium, MMX, Paragon, PDCharm, Pentium, and Xeon are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Learn how to use Intel Trade Marks and Brands correctly at <http://www.intel.com/intel/legal/tmusage2.htm>.



Product Change Notification

Change Notification #: 109425 - 00

**Change Title: Intel® Storage System
SSR212MC2, PCN 109425-00,
Product Design, Update SAS
Expander and RAID controller
Firmware**

Date of Publication: October 15, 2009

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Oct 31, 2009
---	--------------

Description of Change to the Customer:

SSR212MC2RBR and SSR212MC2BR:

The firmware of the SAS expander is being updated to version V6, and the RAID controller (Intel® RAID controller SRCAS144E) firmware is being updated to v1.12.270-0718. These firmware changes include fixes for the SAS Topology Error issue reported on a relatively small number of SSR212MC2 systems when rebooting the system.

FMCSASX

The firmware of the SAS expander is being updated to version V6 to include fixes for the SAS Topology Error Issue reported on a relatively small number of SSR212MC2 systems when rebooting the system.

RAID controller firmware v1.12.270-0718, including Release notes, will be available for download from Intel's support website <http://www.intel.com/support/motherboards/server/ssr212mc2/index.htm> prior to these changes. Please see software release notes for a list of changes when available. The SAS expander firmware can be only upgraded at the Intel factory, please follow by your standard warranty process to replace SAS expanders that require the new firmware. Please have the following information available when you arrange for the replacement: Replacement SAS expander part number D89370-002, serial number of the system and TA number TA-0931-2.

Customer Impact of Change and Recommended Action:

Intel recommends that the customer perform a standard level of evaluation as updated product and software become available.

Products Affected / Intel Ordering Codes:

Pre Change Product Code	Pre Change MM#	Pre Change TA	Post Change Product Code	Post Change MM#	Post Change TA
SSR212MC2RBR	893519	D88965-010	SSR212MC2RBR	893519	D88965-011
SSR212MC2BR	893628	D88964-010	SSR212MC2BR	893628	D88964-011
FMCSASX	890501	D89370-001	FMCSASX	890501	D89370-002

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

October 15, 2009

Revision Number:

00

Reason:

Originally Published PCN