



Product Change Notification

112972 - 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.

A "Mission Critical Application" is any application in which failure of the Intel Product could result, directly or indirectly, in personal injury or death. SHOULD YOU PURCHASE OR USE INTEL'S PRODUCTS FOR ANY SUCH MISSION CRITICAL APPLICATION, YOU SHALL INDEMNIFY AND HOLD INTEL AND ITS SUBSIDIARIES, SUBCONTRACTORS AND AFFILIATES, AND THE DIRECTORS, OFFICERS, AND EMPLOYEES OF EACH, HARMLESS AGAINST ALL CLAIMS COSTS, DAMAGES, AND EXPENSES AND REASONABLE ATTORNEYS' FEES ARISING OUT OF, DIRECTLY OR INDIRECTLY, ANY CLAIM OF PRODUCT LIABILITY, PERSONAL INJURY, OR DEATH ARISING IN ANY WAY OUT OF SUCH MISSION CRITICAL APPLICATION, WHETHER OR NOT INTEL OR ITS SUBCONTRACTOR WAS NEGLIGENT IN THE DESIGN, MANUFACTURE, OR WARNING OF THE INTEL PRODUCT OR ANY OF ITS PARTS.

Intel may make changes to specifications and product descriptions at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined". Intel reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The information here is subject to change without notice. Do not finalize a design with this information.

The products described in this document may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

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/PRC Contact: apacgccb@intel.com

Europe Email: eccb@intel.com

Japan Email: jccb.ijkk@intel.com

Copyright © Intel Corporation 2014. Other names and brands may be claimed as the property of others.

BunnyPeople, Celeron, Celeron Inside, Centrino, Centrino Inside, Cilk, Core Inside, i960, Intel, the Intel logo, Intel AppUp, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Insider, the Intel Inside logo, Intel NetBurst, Intel NetMerge, Intel NetStructure, Intel SingleDriver, Intel SpeedStep, Intel Sponsors of Tomorrow, the Intel Sponsors of Tomorrow logo, Intel StrataFlash, Intel vPro, Intel XScale, InTru, the InTru logo, the InTru Inside logo, InTru soundmark, Itanium, Itanium Inside, MCS, MMX, Moblin, Pentium, Pentium Inside, Puma, skool, the skool logo, Sound Mark, The Creators Project, The Journey Inside, Thunderbolt, vPro Inside, VTune, Xeon, and Xeon Inside are trademarks of Intel Corporation in the U.S. and/or other countries.

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



Product Change Notification

Change Notification #: 112972 - 00
Change Title: Intel® Server System R2308SC2SHFN
PCN 112972-00, Product Design
Update BIOS/ME/BMC/FRUSDR Firmware
Date of Publication: April 09, 2014

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

| | |
|---|--------------|
| Date Customer Must be Ready to Receive Post-Conversion Material *: | Apr 25, 2014 |
|---|--------------|

** Intel appreciates the customer's desire to receive the latest revision of products. However, Intel manages inventory on a first in first out (FIFO) basis at the MM# level. Subsequently, customer requests for a specific revision of material (below the MM#) will not be supported by Intel.*

Description of Change to the Customer:

Intel is implementing the following changes on the Intel® Server System R2308SC2SHFN:

1. Update the BIOS from revision 01.03.0002 to 02.01.0002.
 - a. BIOS 02.01.0002 is fully functional on the Intel® Xeon® processor E5-2400 series and contains feature enhancements and fixes. Please refer to the BIOS release notes for further information.
 - b. BIOS 02.01.0002 only guarantees the ability to boot the Intel® Xeon® processor E5-2400 V2 series into the EFI shell for the purpose of upgrading to a future BIOS to fully support the Intel® Xeon® processor E5-2400 V2 series.
2. Update the Manageability Engine (ME) firmware from revision 02.01.05.107 to 02.01.07.231.
3. Update the Integrated Baseboard Management Controller (BMC) firmware from revision 01.10.3560 to 01.19.5018.
4. Update the FRUSDR from revision 0.23 to 1.09.

Note: Customers can identify the changes above from the system outer box where a green sticker "V2" is attached beside the system label (see Figure 1 below as an example).



Figure1. Example of the green sticker "V2"

Customer Impact of Change and Recommended Action:

Intel recommends that the customers perform a standard level of evaluation. Customers can download and evaluate the latest software package at <http://www.intel.com/support>.

Products Affected / Intel Ordering Codes:

| Product Code | MM# | Pre Change TA | Pre Change PBA | Post Change TA | Post Change PBA |
|--------------|--------|---------------|----------------|----------------|-----------------|
| R2308SC2SHFN | 919783 | G32665-003 | G10279-401 | G32665-004 | G10279-402 |

PCN Revision History:

Date of Revision:

April 9, 2014

Revision Number:

00

Reason:

Originally Published PCN