Product Change Notification

Change Notification #:   **117316 - 00**

Change Title: **Intel® Server System R1304WTTGSR, Intel® Server System R2208WTTYSR, PCN 117316-00, Product Design, BIOS/ME/BMC Firmware Update**

Date of Publication: **December 06, 2019**

Key Characteristics of the Change:
Product Design

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:*	December 21, 2019

*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 systems listed in the "Products Affected" table below:

1.   BIOS upgrade to R01.01.4028.
2.   ME (Manageability Engine) firmware update to revision 03.01.03.051.
3.   BMC (Baseboard Management Controller) firmware upgrade to revision 01.56.11315.

More information can be found at the following location:
https://downloadcenter.intel.com/download/28696/Intel-Server-Board-S2600WT-BIOS-and-Firmware-Update-for-EFI?product=88281

Note: Intel Server Boards with factory firmware will display the following message on each boot until the BIOS is updated:

"WARNING: This Server is running factory firmware. A software update is required. As part of your system integration process, please load the latest system update package (SUP) to enable the latest security, quality and performance."

Customer Impact of Change and Recommended Action:
The primary value of this factory BIOS is that it allows the customer to perform a single BIOS programming (upgrade or downgrade) without the requirement of moving the BIOS Recovery physical jumper. Once the first programming is done, any subsequent attempts to downgrade from a revision that includes a security update will require moving the BIOS Recovery physical jumper.

Intel does not expect any other impact to customers from these changes, but encourages customers to understand the change and determine the impact on their applications. For that reason Intel recommends that the customer perform a standard level of evaluation. Customers can download and evaluate the latest BIOS/ME/Integrated BMC and FRUSDR release notes for more information 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
R1304WTTGSR	977052	J11482-012	G92187-373	J11482-013	G92187-374
R2208WTTYSR	977058	J11484-014	G92187-373	J11484-015	G92187-374

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
December 6, 2019	00	Originally Published PCN

Product Change Notification
117316 - 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