



Product Change Notification

113375 - 00

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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.

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Product Change Notification

Change Notification #: 113375 - 00
Change Title: Intel® Server System R2312GZ4GC4
PCN 113375-00, Product Design
Add Ground Stubs, Update System Rear Panel,
750W Common Redundant Power Supply and
BIOS/ME/BMC/FRUSDR Firmware
Date of Publication: November 05, 2014

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material *:	November 20, 2014
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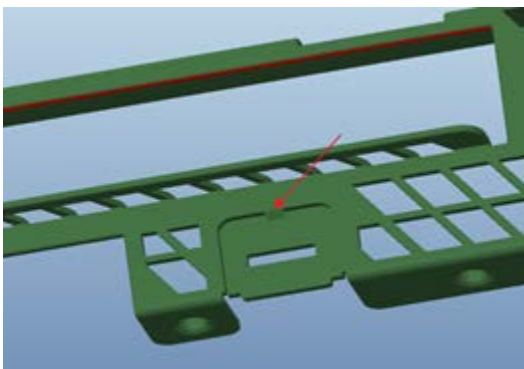
** Intel appreciates the customer's desire to receive the latest revision of products. However, Intel manages inventory on a first in first out (FIFO) basis at the MM# level. Subsequently, customer requests for a specific revision of material (below the MM#) will not be supported by Intel.*

Description of Change to the Customer:

Intel is implementing the following changes on the Intel® Server System R2312GZ4GC4:

1. Update the one big center joint to two smaller joints so that the joints will not conflict with the LAN cable connector latch. See the Figure One.

Pre-change



Post-change

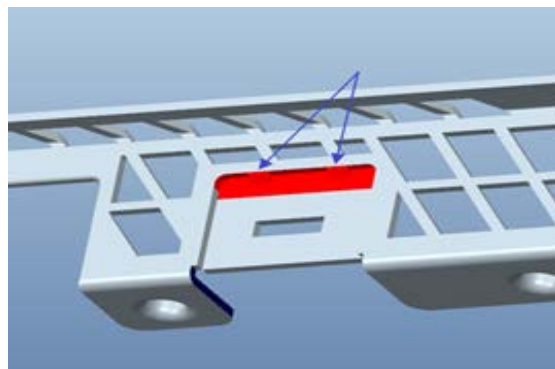


Figure One

2. Update the rear panel opening height 0.6mm higher to improve the flexibility for the cable latch. The previous height was 12.6mm \pm 0.25mm. The updated height is 13.2mm \pm 0.25mm. See the Figure Two.

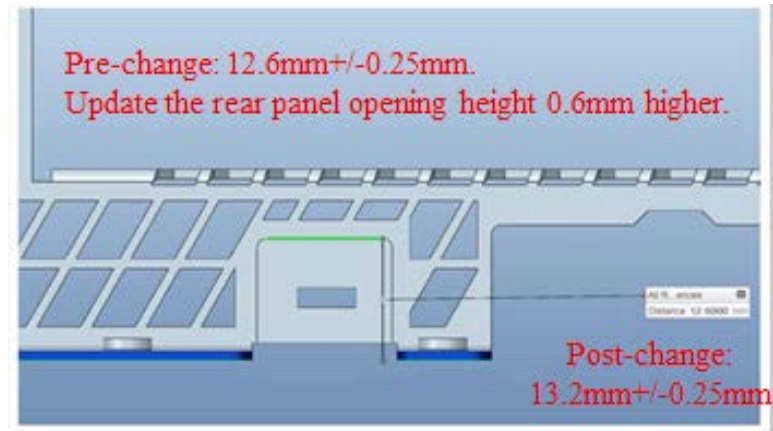


Figure Two

3. Add eight cut-offs around the on-board NIC (Network Interface Controller) openings to improve the LED visibility. See the Figure Three.

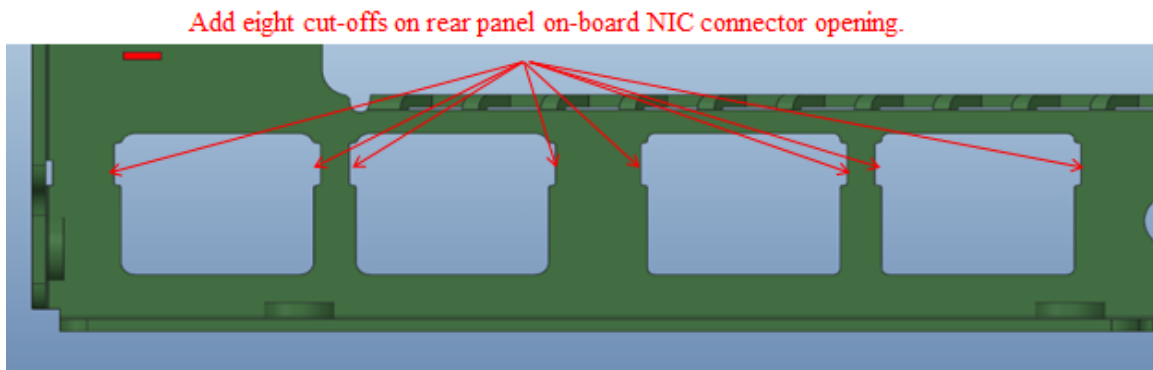


Figure Three

4. Adding two ground studs on the system rear panel for future use. See Figure Four below:



Figure Four: The ground studs

5. Update the 750W Common Redundant Power Supply FXX750PCRPS firmware revision to v100 to prevent a power race condition from occurring during an AC power loss event when the power supply is in cold redundancy mode. The part number of the power supply has been updated from E98791-009 to E98791-010.

Please reference Technical Advisory TA-1050-2 for more information.

6. Update the BIOS from revision 01.08.0003 to 02.03.0003.
7. Update the Integrated Baseboard Management Controller (BMC) firmware from revision 01.17.4151 to 01.21.6580.
8. Update the Manageability Engine (ME) firmware from revision 02.01.05.107 to 02.01.07.328.
9. Update the FRUSDR from revision 1.07 to 1.13.

Customer Impact of Change and Recommended Action:

Intel does not expect any impact to customers from these changes. Customers may need to validate the function and feature changes once the post-change system is available.

Reference Documents / Attachments:

Document:	Location #:
TA-1050-2	http://www.intel.com/support

Products Affected / Intel Ordering Codes:

CORE SKU			
Product Code	MM#	Pre Change TA	Post Change TA
R2312GZ4GC4	921972	G63761-007	G63761-008

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
November 05, 2014	00	Originally Published PCN