



Product Change Notification

113648 - 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 #: 113648 - 00
Change Title: Intel® Server System R2208GL4GS
PCN 113648-00, Product Design
Update Resistors and Capacitor of PCIe Riser
Spare A2UL8RISER, and
BIOS/ME/BMC/FRUSDR Firmware
Date of Publication: February 19, 2015

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

| | |
|---|----------------|
| Date Customer Must be Ready to Receive Post-Conversion Material *: | March 06, 2015 |
|---|----------------|

** 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 R2208GL4GS:

1. The Intel® Server Board S2600GL4 Printed Board Assembly (PBA) revision has been updated from G29051-354 to G29051-355 with the following changes:
 - Update the BIOS from revision 01.08.0003 to 02.03.0003.
 - Update the Integrated Baseboard Management Controller (BMC) firmware from revision 01.17.4151 to 01.21.6580.
 - Update the Manageability Engine (ME) firmware from revision 02.01.05.107 to 02.01.07.328.
 - Update the FRUSDR from revision 1.07 to 1.13.

The system software update package, including the release notes for each, is available for downloading from <http://www.intel.com/support>. Please refer to the software release notes for a list of changes.

2. Update the following resistors and capacitor (see Table-1 and Figure-1) on the 2U PCIe Riser Spare A2UL8RISER to make an improvement to support a higher 3.3 Voltage Regulator startup over current. Before this change, the Voltage Regulator on the riser card may not be able to turn on when the total current drawn is more than 5A current. After this change, the Voltage Regulator on the riser card can support more than 10A current.

Table-1: Component Updates for the 2U Riser Spare A2UL8RISER

| Component | Location | Pre-change | Post-change |
|-----------|----------|------------|-------------|
| Resistor | R2B10 | 10.00 kOhm | 3.65 kOhm |
| Resistor | R1A20 | 0 Ohm | 30 Ohm |
| Resistor | R1A19 | 40.20 kOhm | 20.00 kOhm |
| Capacitor | C1A13 | 10.00 pF | 120.00 pF |

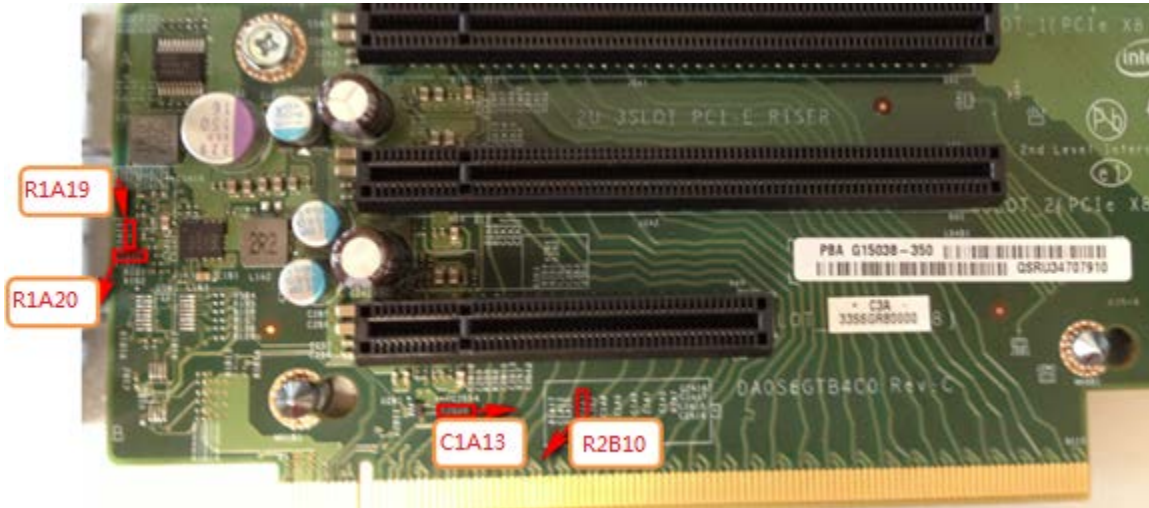


Figure-1: Component Locations for the 2U Riser Spare A2UL8RISER

Customer Impact of Change and Recommended Action:

Intel recommends that the customer perform a standard level of evaluation. Customers can download and evaluate the system software update package at

<http://www.intel.com/support>.

Products Affected / Intel Ordering Codes:

| ASMO SKU | | | | | |
|--------------|--------|---------------|----------------|----------------|-----------------|
| Product Code | MM# | Pre Change TA | Pre Change PBA | Post Change TA | Post Change PBA |
| R2208GL4GS | 917008 | G52121-002 | G29051-354 | G52121-003 | G29051-355 |

PCN Revision History:

Date of Revision:

February 19, 2015

Revision Number:

00

Reason:

Originally Published PCN