



Product Change Notification

113218 - 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 #: 113218 - 00
Change Title: Intel® Server System R2308GL4GS
PCN113218-00, Product Design
Update Resistors and Capacitors and 750W
Common Redundant Power Supply
FXX750PCRPS Firmware
Date of Publication: August 29, 2014

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material *:	September 13, 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 R2308GL4GS:

1. 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	10.0 kOhm	3.65 kOhm
Resistor	R1A20	0 Ohm	30 Ohm
Resistor	R1A19	40.2 kOhm	20 kOhm
Capacitor	C1A13	10 pF	120 pF

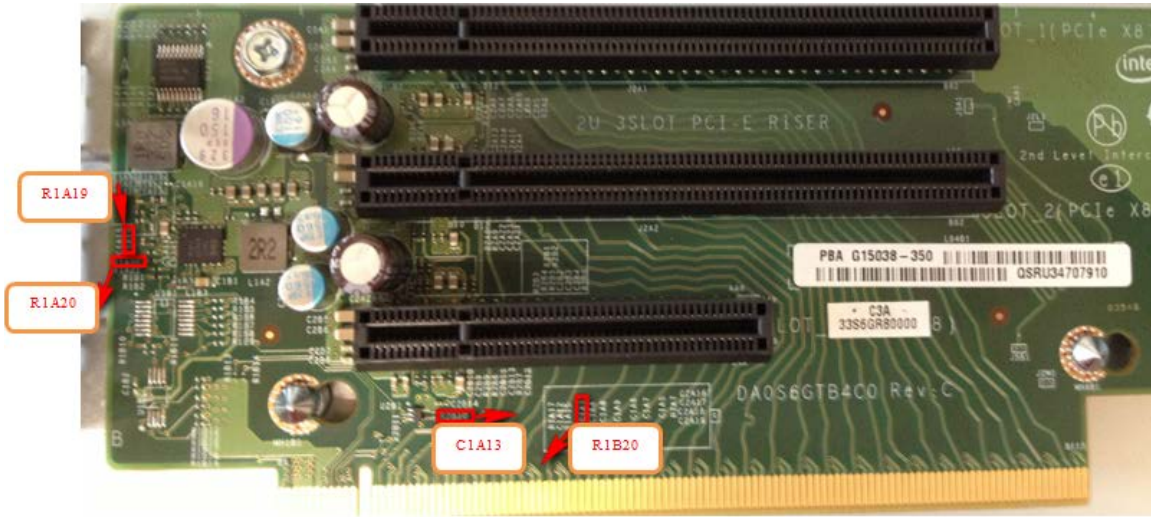


Figure 1. Component Locations for the 2U Riser Spare A2UL8RISER

2. 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.

The new power supply firmware v100 has also been incorporated into the system BMC firmware revision 01.20.5793, which automatically updates the power supply to the latest revision when a full system software update is performed using a System Update Package (SUP).

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

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 change once the post-change system is available.

Products Affected / Intel Ordering Codes:

ASMO SKU			
Product Code	MM#	Pre Change TA	Post Change TA
R2308GL4GS	917011	G52729-002	G52729-003

Reference Documents / Attachments:

Document:
TA-1050-2

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

PCN Revision History:

Date of Revision:
August 29, 2014

Revision Number:
00

Reason:
Originally Published PCN