# Product Change Notification

# 113885 - 00

**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 #: | **113885 - 00** |
|---|---|
| **Change Title:** | **Intel® Server System R1304WTTGS, R1208WTTGS, R2208WTTYS, R2208WTTYC1, R2308WTTYS, R2312WTTYS, R2224WTTYS, R1304WT2GS, R1208WT2GS and R2208WT2YS** |
| | **Intel® Server Chassis R1304WTXXX, R1208WTXXX, R2000WTXXX and R2312WTXXX** |
| | **PCN 113885-00, Product Design** |
| | **Update BIOS/ME/BMC/FRUSDR Firmware, update the IO connector, remove the resistor, update the screw hole and add the mylar plastic** |
| **Date of Publication:** | **June 12, 2015** |

## Key Characteristics of the Change:

Product Design

## Forecasted Key Milestones:

| Date Customer Must be Ready to Receive Post-Conversion Material *: | June 27, 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 R1304WTTGS, R1208WTTGS, R2208WTTYS, R2208WTTYC1, R2308WTTYS, R2312WTTYS, R2224WTTYS, R1304WT2GS, R1208WT2GS and R2208WT2YS:

1. Update the BIOS from revision 01.01.0005 to 01.01.0008.
2. Update the Integrated Baseboard Management Controller (BMC) firmware from revision 1.09.6976 to 01.18.7601.
3. Update the Manageability Engine (ME) firmware from revision 03.00.07.114 to 03.00.07.154.
4. Update the FRUSDR from revision 1.03 to 1.06.
5. For Intel® Server System R1304WTTGS, R1208WTTGS, R2208WTTYS, R2208WTTYC1 and R2224WTTYS, update the Intel® Server Board S2600WTT Printed Board Assembly (PBA) revision from G92187-350 to G92187-351.

6. For Intel® Server System R1304WT2GS, R1208WT2GS and R2208WT2YS, update the Intel® Server Board S2600WT2 Printed Board Assembly (PBA) revision from H21573-360 to H21573-361.
7. Update the RJ45 connectors for onboard LAN ports 1 and 2 to improve the LAN cable connectivity. The locations of the IO connector are shown as Figure 1:



Figure 1

8. Intel is making a component level change to the onboard APL5932 voltage regulator and supporting the resistor at board location R8R8. Functional characteristic of the new voltage regulator is equivalent to the previously used component. No functional changes to the server board are expected for this change.
9. Adding support for Battery Backup Units (BBUs) compatible with Adaptec* RAID cards. Adaptec ready BBUs can now be mounted to the Intel® RMFBU mounting plates that ship with the system.

Intel is implementing the following changes on the Intel® Server SystemR2308WTTYS and R2312WTTYS:

1. Update the BIOS from revision 01.01.0005 to 01.01.0008.
2. Update the Integrated Baseboard Management Controller (BMC) firmware from revision 1.09.6976 to 01.18.7601.
3. Update the Manageability Engine (ME) firmware from revision 03.00.07.114 to 03.00.07.154.
4. Update the FRUSDR from revision 1.03 to 1.06.
5. Update the Intel® Server Board S2600WTT Printed Board Assembly (PBA) revision from G92187-350 to G92187-351.
6. Update the RJ45 connectors for onboard LAN ports 1 and 2 to improve the LAN cable connectivity. The locations of the IO connector are shown as Figure 1.
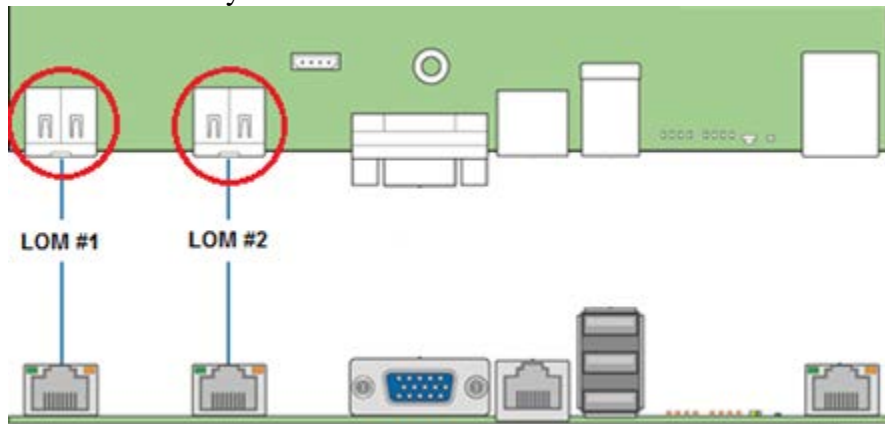7. Intel is making a component level change to the onboard APL5932 voltage regulator and supporting the resistor at board location R8R8. Functional characteristic of the new voltage regulator is equivalent to the previously used component. No functional changes to the server board are expected for this change.

8. Adding support for Battery Backup Units (BBUs) compatible with Adaptec* RAID cards.  Adaptec ready BBUs can now be mounted to the Intel® RMFBU mounting plates that ship with the system.

9. Add the Mylar plastic on the bottom of the hard disk carrier bay to improve the fit of the chassis mechanical assembly. See Figure 2:



Figure 2

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.

Intel is implementing the following change on the Intel® Server Chassis R1304WTXXX, R1208WTXXX and R2000WTXXX:

Adding support for Battery Backup Units (BBUs) compatible with Adaptec* RAID cards. Adaptec ready BBUs can now be mounted to the Intel® RMFBU mounting plates that ship with the system.

Intel is implementing the following changes on the Intel® Server Chassis R2312WTXXX:

1. Adding support for Battery Backup Units (BBUs) compatible with Adaptec* RAID cards. Adaptec ready BBUs can now be mounted to the Intel® RMFBU mounting plates that ship with the system.
2. Add the Mylar plastic on the bottom of the hard disk carrier bay to improve the fit of the chassis mechanical assembly. See Figure 2.
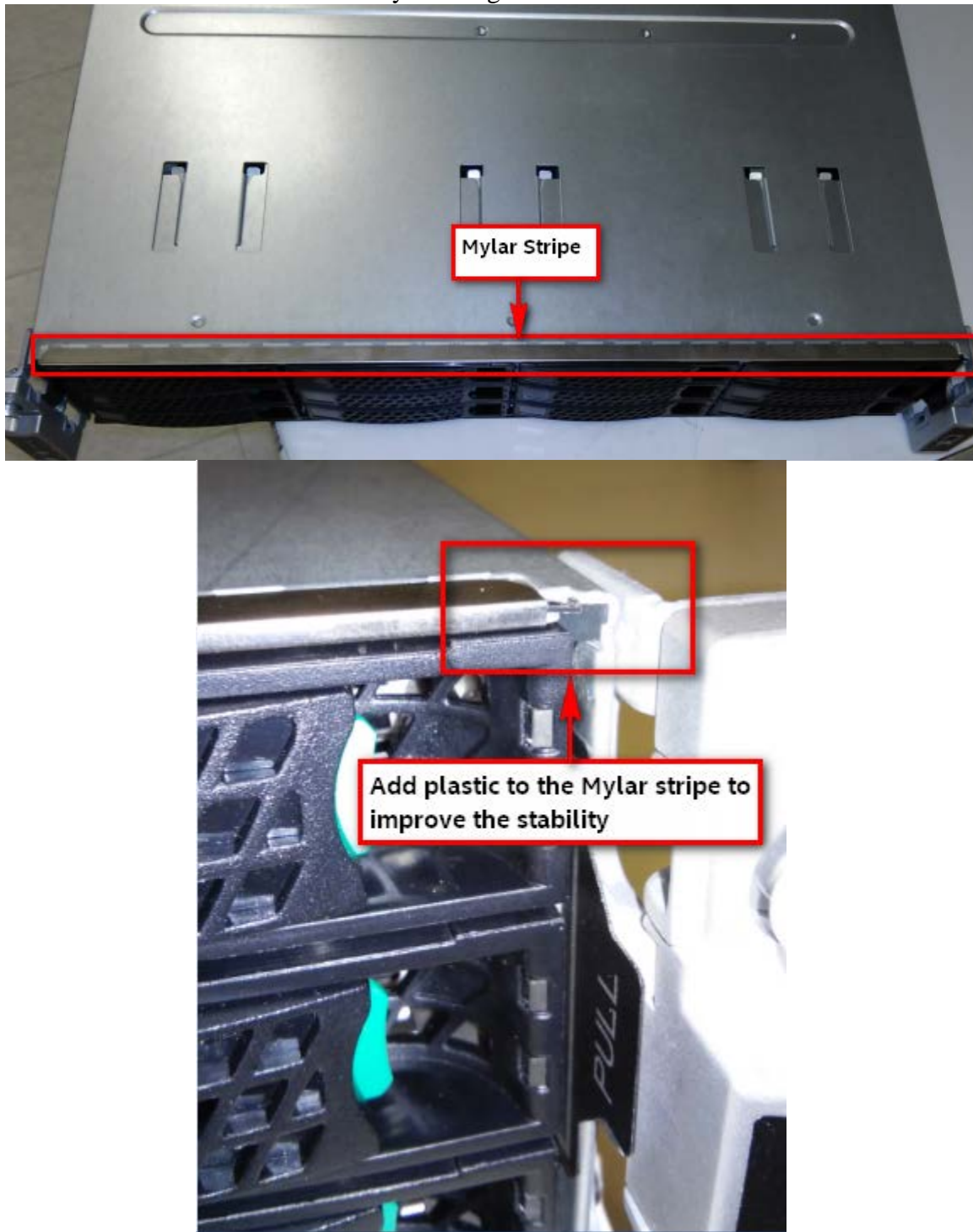
## Customer Impact of Change and Recommended Action:
Intel does not expect any impact to customers from these changes. Customers may need to validate the function and feature changes once the post-change system is available. Customers can download and evaluate the system software update package at http://www.intel.com/support.

## Products Affected / Intel Ordering Codes:

| Intel® Server System | | | |
|---|---|---|---|
| Product Code | MM# | Pre Change TA | Post Change TA |
| R1304WTTGS | 934967 | H46983-001 | H46983-002 |
| R1208WTTGS | 934968 | H46986-001 | H46986-002 |
| R2208WTTYS | 936023 | H46991-001 | H46991-002 |
| R2208WTTYC1 | 936033 | H46994-001 | H46994-002 |
| R2308WTTYS | 936035 | H46990-001 | H46990-002 |
| R2312WTTYS | 936036 | H46999-001 | H46999-002 |
| R2224WTTYS | 936037 | H46996-001 | H46996-002 |
| R1304WT2GS | 935059 | H46984-001 | H46984-002 |
| R1208WT2GS | 935060 | H46987-004 | H46987-005 |
| R2208WT2YS | 936032 | H46992-001 | H46992-002 |

| Intel® Server Chassis | | | |
|---|---|---|---|
| Product Code | MM# | Pre Change TA | Post Change TA |
| R1304WTXXX | 936121 | H46985-001 | H46985-002 |
| R1208WTXXX | 936187 | H46988-001 | H46988-002 |
| R2312WTXXX | 936022 | H46998-001 | H46998-002 |
| R2000WTXXX | 936021 | H46995-001 | H46995-002 |

## PCN Revision History:

| Date of Revision: | Revision Number: | Reason: |
|---|---|---|
| June 12, 2015 | 00 | Originally Published PCN |