



# Product Change Notification

**Change Notification #:** 117397 - 00  
**Change Title:** Intel® Server System R2224WFTZSR,  
PCN 117397-00, Product Design,  
BIOS/ME/BMC Firmware Update  
**Date of Publication:** January 17, 2020

## Key Characteristics of the Change:

Product Design

## Forecasted Key Milestones:

<b>Date Customer Must be Ready to Receive Post-Conversion Material:*</b>	February 4, 2020
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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 systems listed in the "Products Affected" table below:

- BIOS upgrade to R02.01.1009
- BMC (Baseboard Management Controller) firmware upgrade to revision 2.22.59c3b83a
- ME (Manageability Engine) firmware update to revision 04.01.04.323
- FRU (Field Replaceable Unit) firmware update to revision 1.96

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
R2224WFTZSR	986051	K39998-004	H48104-872	K39998-005	H48104-873
			H48104-882		H48104-883

### PCN Revision History:

**Date of Revision:**

January 17, 2020

**Revision Number:**

00

**Reason:**

Originally Published PCN



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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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