



# Product Change Notification

## 109764 - 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 #:** 109764 - 00  
**Change Title:** S5520HC, S5500HCV and S5520SC, PCN 109764-00, Product Discontinuance, Product Discontinuance Announcement  
**Date of Publication:** December 18, 2009

## Key Characteristics of the Change:

Product Discontinuance

## Forecasted Key Milestones:

<b>Product Discontinuance Program Support Begins:</b>	Jan 01, 2010
<b>Orders for Discontinued Products Become Non-Cancelable:</b>	Mar 01, 2010
<b>Last Product Discontinuance Order Date:</b>	Jun 01, 2010
<b>Last Product Discontinuance Shipment Date:</b>	Aug 15, 2010
<b>Last Product Return Date:</b>	Mar 01, 2010

## Description of Change to the Customer:

To support the next generation of Intel(R) Xeon(R) Processors, Intel will be "refreshing" (new product codes and new MM#'s) all of its current products based on the Intel® 5520 and Intel® 5500 Chipsets.

- An "R" identifier has been added to the end of the product order codes - S5520HCR, BB5520HCR, S5500HCVR, BB5500HCVR, S5520SCR, BB5520SCR, SC5650HCBRPR, SC5650HCBRPRNA, SC5650SCWSR and SC5650SCWSRNA. The "R" product code is used to identify boards/systems that include a BIOS that is aware of the next generation Intel® Xeon® Processors, preventing them from locking up during POST when these processors are installed. Using the "R" identified products will eliminate several integration steps that are required to support next generation Intel® Xeon® processors on current non-"R" products.

Note: Products with the "R" identifier will still require a future BIOS update to fully support the next generation Intel® Xeon® processors. The integrated BIOS merely prevents a POST hang when these processors are installed. BIOS updates that fully support next generation Intel® Xeon® processors can be downloaded from Intel's support web site when available.

- BIOS Revision Change - A new BIOS is being loaded at the factory for the new "R" product codes. The BIOS revision is changing from 38 to 45. The major change to this BIOS is to make it aware of next generation Intel® Xeon® Processors, allowing the system to boot when one or more of these processors are installed. For a complete list of BIOS changes, please refer to the BIOS release notes when they are made available from Intel.

- Chipset stepping change - The chipset stepping is changing from a B3 step to a C2 step. The changes to the chipset are classified as minor and do not affect form/fit/function of the product. For a complete list of chipset stepping changes, please refer to the Intel® 5520 and Intel® 5500 Chipset Specification Update.

### Customer Impact of Change and Recommended Action:

Intel recommends performing a standard level of evaluation when these boards become available. Customers should evaluate the server chipset and software changes when available.

Note:

- Product Discontinuance Program Support Begins: January 1, 2010
- Orders are Non-Cancelable and Non-Returnable After: March 1, 2010
- Last Return Date for Negotiated & Stock Rotation: March 1, 2010
- Last Product Discontinuance Order Date: June 1, 2010
- Last Product Discontinuance Shipment Date: August 15, 2010

Final purchase orders for the affected products must be placed by June 1, 2010 (Final Day to Place Orders)

- Orders placed by February 15, 2010 will be supported.
- Orders placed between February 16, 2010 - June 1, 2010 will be subject to supply availability on a first come first serve basis.

### Products Affected / Intel Ordering Codes:

Product Code	Pre Change Affected MM#	Recommended Replacement Product Code	Recommended Replacement MM#
S5520HC	900402	S5520HCR	905721
S5520SC	900963	S5520SCR	905722
BB5520SC	901634	BB5520SCR	905719
BB5520HC	901640	BB5520HCR	905718
S5500HCV	902386	S5500HCVR	905723
BB5500HCV	902387	BB5500HCVR	905720
SC5650HCBRP	904553	SC5650HCBRPR	907331
SC5650SCWS	904581	SC5650SCWSR	907332
SC5650HCBRPNA	903806	SC5650HCBRPRNA	905764
SC5650SCWSNA	903836	SC5650SCWSRNA	905767

### Reference Documents / Attachments:

Document:

Location #:

### PCN Revision History:

Date of Revision:

December 18, 2009

Revision Number:

00

Reason:

Originally Published PCN