



Product Change Notification

111071 - 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 #: 111071 - 00
Change Title: Intel® Xeon® Processor E5220
(Wolfdale-DP), PCN 111071-00,
Product Design
Date of Publication: November 2, 2011

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date of Production Samples Availability:	Nov 02, 2011
Date Customer Must be Ready to Receive Post-Conversion Material:	Jan 31, 2012
Date of First Availability of Post-Conversion Material:	Nov 02, 2011

The date of "First Availability of Post-Conversion Material" is the projected date that a customer may expect to receive the Post-Conversion Materials. This date is determined by the projected depletion of inventory at the time of the PCN publication. The depletion of inventory may be impacted by fluctuating supply and demand, therefore, although customers should be prepared to receive the Post-Converted Materials on this date, Intel will continue to ship and customers may continue to receive the pre-converted materials until the inventory has been depleted.

Description of Change to the Customer:

The Intel® Xeon® Processors E5220 (Wolfdale-DP) will undergo the following changes for the C-0 to E-0 stepping conversion:

- New SSPEC and MM numbers for the converting product
- CPUID will change to: 0x1067A, IDCODE will change to: 0xA005b013
- C-0 package is pin compatible with the E-0 package
- Package change to Halide free package

There are no changes to Electrical, Mechanical and Thermal processor Specifications. Intel anticipates no changes to customer platforms designed to Intel guidelines.

Customer Impact of Change and Recommended Action:

Minimal re-qualification and/or validation are expected for the stepping conversion due to no feature set changes between the C-0 and E-0 stepping.

The Intel® Xeon® Processor E5220 (Wolfdale-DP) will require a BIOS update. Once customers implement the BIOS update, they will be able to accept both C-0 stepping material and E-0 stepping material. Customers should be ready to receive a combination of both C-0 stepping material and E-0 stepping material by the "Date Customer Must be Ready to Receive Post-Conversion Material" above. For customers implementing their own BIOS, it is necessary to incorporate the BIOS changes to support E-0 stepping. Please contact your local Intel representative for further technical questions.

Products Affected / Intel Ordering Codes:

Marketing Name	Processor #	Pre Conversion Product Code	Pre Conversion S-Spec	Pre Conversion MM#	Post Conversion Product Code	Post Conversion S-Spec	Post Conversion MM#
Intel® Xeon® Processor	E5220	EU80573KJ0536M	S LANF	893467	AT80573QJ0536M	S LBAT	898613

PCN Revision History:

Date of Revision:

November 2, 2011

Revision Number:

00

Reason:

Originally Published PCN