



Product Change Notification

107157 - 01

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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 #: 107157 - 01
Change Title: The Intel® Carrier Grader Server TIGI2U, PCN 107157-01, Product Material, System Processor Stepping Change, Reason for Revision: Updated ECO and TA numbers
Date of Publication: April 24, 2007

Key Characteristics of the Change:

Product Material

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Mar 19, 2007
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Description of Change to the Customer:

Reason for Revision: Updated ECO and TA numbers

The Intel® Carrier Grader Server TIGI2U server CPU stepping is changing from the Xeon® 2MB L2 Cache N-0 step processor to the Xeon® 2MB L2 Cache R-0 step processor. The following changes to the processor are listed in PCN 105887-00:

Intel® Xeon® processor with 2 MB L2 cache will undergo the following changes for the N-0 to R-0

core processor stepping change:

- CPUID will change from 0F43h to 0F4Ah
- N-0 is pin compatible with R-0
- New S-Specs for converting products
- The R-0 stepping will also be the conversion to a Pb Free SLI 1/ RoHS compliant device

There is no impact to system firmware for this change as BIOS version P10, flashed at the factory, contains the microcode update necessary to accommodate the new stepping. This information is also included in the BIOS release notes for version P10.

It should be noted that the mixing of N-0 and R-0 step processors will generate the following BIOS error message:

Error: CPUID, Processor stepping are different

Customer Impact of Change and Recommended Action:

No customer impact is expected.

Products Affected / Intel Ordering Codes:

Pre Change Product Code	Pre Change MM#	Pre Change TA	Post Change TA
TLID2201	883815	D58990-006	D58990-007
TLIA2201	883851	D58988-006	D58988-007

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

Revision Number:

Reason:

February 14, 2007

00

Originally Published PCN

April 24, 2007

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Updated ECO and TA numbers