



Product Change Notification

105740 - 01

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Product Change Notification

Change Notification #: 105740 - 01
Change Title: SR4850HW4, SR6850HW4 and BHWBASE, PCN 105740-01, Product Material, CLASS 1: Transition server; RoHS Compliant; 800MTS front side bus; and add real time clock, Reason for Revision: Change Milestone dates. Change PB-Free wording
Date of Publication: February 28, 2006

Key Characteristics of the Change:

Product Material

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Jun 30, 2006
Date of First Availability of Post-Conversion Material:	May 12, 2006

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:

Reason for Revision: Change Milestone dates. Change PB-Free wording

SHW4UR (SR4850HW4):

Transition to SHW4URM (SR4850HW4M)

Restriction of Hazardous Substances (RoHS) compliant

TNB and XMB 8501 Chipset supporting a front side bus up to 800 MTS

Added Real-Time clock

SHW6UR (SR6850HW4):

Transition to SHW6URM (SR6850HW4M)

Restriction of Hazardous Substances (RoHS) compliant

TNB and XMB 8501 Chipset supporting a front side bus up to 800 MTS

Added Real-Time clock

BHWBASE:

Transition to BHWBASEM

Restriction of Hazardous Substances (RoHS) compliant

TNB and XMB 8501 Chipset supporting a front side bus up to 800 MTS

Added Real-Time clock

Restriction of Hazardous Substances (RoHS) compliant:

The Intel Servers are being transitioned to convert from a Leaded (Eutectic) Manufacturing Process to a Restriction of Hazardous Substances (RoHS) compliant manufacturing process and is supporting Intel's suppliers' conversion plan of removing lead from components.

Intel is driving this conversion to be aligned with the European Union legislation, which requires Restrictions on Hazardous Substances (RoHS) and bans lead after July 1, 2006 unless covered in an exemption.

The Intel servers described in this Product Change Notification will meet the Server Exemption, allowing leaded solder in the manufacturing process.

Intel is completing our standard suite of Functional and Qualification test.

Further PCN(s) are planned to be released to announce changes to the platform options and accessories for RoHS compliance.

TNB and XMB 8501 Chipset supporting a front side bus up to 800 MTS:

The 800 MTS change enables the SHW4URM, SHW6URM and BHWBASEM servers to support processors and memory boards operating at the higher FSB throughput.

For configuration information please see the Intel® Server Platforms SR4850HW4/M and SR6850HW4/M Configuration Guide.

Customer Impact of Change and Recommended Action:

These changes are NOT expected to affect the Microsoft* Windows* operating systems or Linux* operating systems software driver stack. The changes have been thoroughly evaluated to ensure that there is no quality, reliability or functional implications to our customers. Intel is not recommending additional qualification of these changes on platforms received from Intel.

Products Affected / Intel Ordering Codes:

System Products Table

Transition from Product Code	MM #		Transition to Product Code	MM #
SHW4UR	877483		SHW4URM	877222
SHW6UR	877485		SHW6URM	877219
BHWBASE	877488		BHWBASEM	876150

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

Revision Number:

Reason:

January 23, 2006

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Originally Published PCN

February 28, 2006

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Change Milestone dates.

Change PB-Free wording to RoHS