Intel® Server Board X38ML
Intel® Server System SR1525ML

January 2008

Enterprise Platforms and Services Marketing

Revision History

Date	Modifications
Dec. 2007	Initial release.
Jan. 2008	No Changes

Disclaimers

The Intel Products Specified may contain design defects or errors known as errata that may cause the products to deviate from the published specifications. Current characterized errata are documented in this Specification Update.

Information in this document is provided in connection with Intel products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel products are not intended for use in medical, life saving, or life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice.

Contact your local Intel sales office or your distributor to obtain the latest specifications and before placing your product order.

Intel, Itanium, Pentium, and Xeon are trademarks or registered trademarks of Intel Corporation.

*Other brands and names may be claimed as the property of others.

Contents

This page intentionally left blank

Preface

This document communicates product Errata and Documentation Changes & Corrections for the following Intel Server Products:

- Intel® Server Board X38ML
- Intel® Server System SR1525ML

Refer to the *Dual-Core Intel® Xeon® Processor 3000 Sequence Specification Update* (Order Number 313065) for specification updates concerning the Dual-Core Intel® Xeon® Processor 3000 Series processors. Items contained in the *Dual-Core Intel® Xeon® Processor 3000 Sequence Specification Update* that either do not apply to the products in this document or have been worked around, are noted in this document. Otherwise, it should be assumed that any processor errata for a given stepping are applicable to the Printed Board Assembly (PBA) revisions(s) associated with that stepping.

The following defines items communicated in this document.

Specification Changes are modifications to the current published specifications for a given product. These include typos, errors, or omissions. Specified changes will be incorporated in the next release of the document.

Specification Clarifications describe a supported feature or function in greater detail or further highlight their impact to a complex design requirement. These clarifications will be incorporated in the next release of the document.

Errata are design defects or deviations from current published specifications for a given product. Published errata may or may not be corrected.

- Hardware and software designed to be used with any given processor stepping must assume that all errata documented for that processor stepping are present on all devices.

Summary Tables of Changes

The following tables provide an overview of known errata and known document changes that apply to the specified Intel Server Products. The tables use the following notations:

Doc   Intel intends to update the appropriate documentation in a future revision.

Fix   Intel intends to correct this erratum.

Fixed   This erratum has been corrected.

No Fix   There are no plans to correct this erratum.

Shaded   This item is new or has been modified from the previous specification update.

Table 1. Errata Summary

No.	Plans	Description of Errata
1.	Doc	System Status Fault LED is green when both or either Intel® X38ML board is powered on in an Intel® SR1520ML system. Quick Start Guide and Technical Product Specification will be updated to explain that this behavior is correct.
2.	No Fix	Intel X38ML boards with Firmware 13 and/or BIOS 23 require jumper C3A1 to be moved to correctly update the Firmware and BIOS
3.	Fix	Intel SR1520ML system labels for Z-U130 are labeled incorrectly 'Zephyer1' and Zepheyer2'. Label should read Z-U130 connector

Table 2. Documentation Changes

No.	Plans	Document Name	Description of Documentation Change
1.			

The following sections provide in-depth descriptions of each erratum / documentation change indicated in the tables above. The errata and documentation change numbers referenced in the following sections correspond to the numbers in the tables above.

Errata

1. System Status Fault LED is green when both or either Intel® X38ML board is powered on in an Intel® SR1520ML system

Problem   The Intel® SR1525ML system will show a steady green light when powered on. This behavior is different from other Intel® systems which the status LED is off until triggered by an event.

Implication   None

Status   This behavior will be documented in the SR1520ML documentation .

Workaround   None.

2. Intel X38ML boards with Firmware 13 and/or BIOS 23 require jumper C3A1 to be moved to correctly update the Firmware and BIOS

Problem   Intel X38ML boards with Firmware 13 and/or BIOS 23 require jumper C3A1 to be moved to correctly update the Firmware and BIOS. This is not normally required and therefore could lead to user thinking the update was performed when it would not. This does not apply to any updates with revision above those listed. Those will perform as normal updates unless otherwise stated.

Implication   None

Status   Will not be fixed

Workaround   None.

3. Intel SR1520ML system labels for Z-U130 are labeled incorrectly 'Zephyer1' and Zepheyer2'

Problem   Intel SR1520ML system labels for Z-U130 are labeled incorrectly 'Zephyer1' and Zepheyer2'. Label should read Z-U130 connector.

Implication   Users looking for the connector marked Z-U130 would miss this because of the mislabeling.

Status   Will fix in ECO

Workaround   None.