



# Intel<sup>®</sup> Desktop Board DG33BU Specification Update

January 2008

Order Number: E11665-002

The Intel<sup>®</sup> Desktop Board DG33BU may contain design defects or errors known as errata, which may cause the product to deviate from published specifications. Current characterized errata are documented in this Specification Update.

# Revision History

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Revision	Revision History	Date
-001	This document is the first Specification Update for the Intel® Desktop Board DG33BU	November 2007
-002	Updated the General Information Section	January 2008

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The Intel® Desktop Board DG33BU may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

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

Copies of documents which have an ordering number and are referenced in this document, or other Intel literature, may be obtained from:

Intel Corporation  
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Denver, CO 80217-9808

or call in North America 1-800-548-4725, Europe 44-0-1793-431-155, France 44-0-1793-421-777, Germany 44-0-1793-421-333, other Countries 708-296-9333

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# Specification Update for the Intel® Desktop Board DG33BU

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This document is an update to the specifications contained in the *Intel® Desktop Board DG33BU Technical Product Specification* (Order Number D88104). It is intended for hardware system manufacturers and software developers of applications, operating systems, or tools. It will contain Specification Changes, Errata, Specification Clarifications, and Documentation Changes.

For specification updates concerning the Intel processor that may apply to this desktop board, refer to the following:

- Intel® Core™2 Quad processor in an LGA775 socket with a 1066 MHz system bus
- Intel® Core™2 Duo processor in an LGA775 socket with a 1066 or 800 MHz system bus
- Intel® Pentium® Dual-Core processor in an LGA775 socket with an 800 MHz system bus
- Intel® Celeron® processor in an LGA775 socket with an 800 MHz system bus

Unless otherwise noted in this document, it should be assumed that any processor errata for a given stepping are applicable to the Altered Assembly (AA) revision(s) associated with that stepping.

Refer to the *Intel® 3 Series Chipsets Specification Update* for specification updates concerning the 82G33 GMCH Controller and that may apply to the desktop board DG33BU. Unless otherwise noted in this document, it should be assumed that any MCH errata for a given stepping are applicable to the Altered Assembly (AA) revision(s) associated with that stepping.

Refer to the *Intel® IO Controller Hub 9 (ICH9) Family Specification Update* for specification updates concerning the 82801IH I/O Controller Hub and that may apply to the desktop board DG33BU. Unless otherwise noted in this document, it should be assumed that any ICH8 errata for a given stepping are applicable to the Altered Assembly (AA) revision(s) associated with that stepping.

## Terminology

**Specification Changes** are modifications to the current published specifications. These changes will be incorporated in the next release of the specifications.

**Errata** are design defects or errors. Characterized errata may cause the desktop board behavior to deviate from published specifications. Hardware and software designed to be used with any given Altered Assembly (AA) and BIOS revision level must assume that all errata documented for that AA and BIOS revision level are present on all desktop boards.

**Specification Clarifications** describe a specification in greater detail or further highlight a specification's impact to a complex design situation. These clarifications will be incorporated in the next release of the specifications.

**Documentation Changes** include typos, errors, or omissions from the current published specifications. These changes will be incorporated in the next release of the specifications.

## General Information

### Basic Desktop Board DG33BU Identification Information

AA Revision	BIOS Revision	Notes
D79951-405	DPP3510J.86A.0216	1,2
D79951-406	DPP3510J.86A.0216	1,2

Notes:

1. The AA number is found on a small label on the component side of the board.
2. The G33 kit used on this AA revision consists of two components as follows:

Device	Stepping	S-Spec Numbers
ICH9 DH	A2	SLA9P
G33	A2	SLA9Q

# Summary of Changes

The following table indicates the Specification Changes, Errata, Specification Clarifications, or Documentation Changes that apply to the Intel® Desktop Board DG33BU. Intel intends to fix some of the errata in a future revision of the desktop board, and to account for the other outstanding issues through documentation or specification changes as noted.

The following notations are used in the table:

- Doc: Document change or update that will be implemented.
- Plan Fix: This erratum may be fixed in a future revision of the desktop board, driver, or BIOS.
- Fixed: This erratum has been previously fixed.
- No Fix: There are no plans to fix this erratum.
- Shaded: This erratum is either new or modified from the previous version of the document.

No.	Plans	Errata
		There are no characterized erratum for this product