



Intel® Desktop Board DH67GD and Intel® Desktop Board DH67BL Specification Update

December 2011

Part Number: G24292-003

The Intel® Desktop Board DH67GD and Intel® Desktop Board DH67BL 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

Revision	Revision History	Date
-001	This document is the first Specification Update for the Intel® Desktop Board DH67GD and Intel® Desktop Board DH67BL	January 2011
-002	Update to the General Information Section	April 2011
-003	PCI cards errata	December 2011

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The Intel® Desktop Board DH67GD and Intel® Desktop Board DH67BL 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.

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Specification Update for the Intel[®] Desktop Board DH67GD and Intel[®] Desktop Board DH67BL

This document is an update to the specifications contained in the *Intel[®] Desktop Board DH67GD and Intel[®] Desktop Board DH67BL Technical Product Specification* (Order Number: G13843). 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.

Refer to the *2nd Generation Intel[®] Core™ Processor Family Specification Update* (Order Number: 457991) for specification updates concerning the *2nd Generation Intel[®] Core™ Processor Family* that may apply to the desktop board DH67GD. 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[®] 6 Series Chipset and Intel[®] C200 Series Chipset Specification Update* (Order Number: 440377) for specification updates concerning the Intel[®] H67 Express Chipset that may apply to the desktop board DH67GD. Unless otherwise noted in this document, it should be assumed that any Platform Controller Hub 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 DH67GD Identification Information

AA Revision	BIOS Revision	Notes
G10206-202	BLH6710H.86A.0062	1,2
G10206-203	BLH6710H.86A.0062	1,2
G10206-204	BLH6710H.86A.0076	1,2
G10206-205	BLH6710H.86A.0076	1,2
G10206-206	BLH6710H.86A.0076	1,2
G10206-207	BLH6710H.86A.0105	1,2
G10206-208	BLH6710H.86A.0119	1,2
G10206-209	BLH6710H.86A.0119	1,2
G10206-210	BLH6710H.86A.0119	1,2

Basic Desktop Board DH67BL Identification Information

AA Revision	BIOS Revision	Notes
G10189-202	BLH6710H.86A.0062	1,2
G10189-203	BLH6710H.86A.0062	1,2
G10189-204	BLH6710H.86A.0076	1,2
G10189-205	BLH6710H.86A.0076	1,2
G10189-206	BLH6710H.86A.0076	1,2
G10189-207	BLH6710H.86A.0119	1,2
G10189-208	BLH6710H.86A.0119	1,2
G10189-209	BLH6710H.86A.0119	1,2
G44434-200 (LAD sku)	BLH6710H.86A.0119	1,2

Notes:

1. The AA number is found on a small label on the component side of the board.
2. The Intel® 82H67 PCH Express Chipset used on this AA revision consists of the following component:

Device	Stepping	S-Spec Numbers
82H67 Platform Controller Hub (PCH)	B2	SLH82
82H67 Platform Controller Hub (PCH)	B3	SLJ49

Summary of Changes

The following table indicates the Specification Changes, Errata, Specification Clarifications, or Documentation Changes that apply to the Intel® Desktop Board DH67GD and Intel® Desktop Board DH67BL. 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
1	Plan Fix	PCI cards

Errata

1. PCI cards that utilize a PCI Express* to PCI bridge component may not work with Intel® Desktop Boards based on the Intel® 6 Series Chipset.

Problem: Intel® Desktop Boards DP67DE, DP67BA, DZ68DB, DH67BL, DH67GD, DH67CL, DH61SA, DH61CR, DH61BE, and DH61WW do not support PCI add in cards that utilize a PCI Express to PCI bridge component. A resource conflict between the affected board and the PCI Express to PCI bridge component included in some PCI card designs (usually video cards, and digital video capture cards) results in the PCI card not being recognized by BIOS and not functioning.

Implication: PCI cards utilizing a PCI Express to PCI bridge chip will not be recognized or function when plugged into any PCI slot on the affected Intel Desktop boards.

PCI cards that do not include a PCI Express to PCI bridge chip will operate normally.

Workaround: None.

Status: This problem may be fixed on future releases of these Intel Desktop Board products.