



Intel® Desktop Board DG43RK Specification Update

December 2010

Order Number: E92421-003US

The Intel® Desktop Board DG43RK 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 DG43RK	March 2010
-002	Update to the General Information section	July 2010
-003	Update to the General Information section	December 2010

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The Intel® Desktop Board DG43RK 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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Specification Update for the Intel® Desktop Board DG43RK

This document is an update to the specifications contained in the *Intel® Desktop Board DG43RK Technical Product Specification* (Order Number: E89497). 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 apply to this desktop board, refer to the following:

- *Intel® Core™2 Extreme Processor QX9650 and Intel® Core™2 Quad Processor Q9000 Series Specification Update* (Order Number 318727)
- *Intel® Core™2 Extreme Quad-Core Processor QX6000 Sequence and Intel® Core™2 Quad Processor Q6000 Sequence Specification Update* (Order Number 315593)
- *Intel® Core™2 Duo Processor E8000 and E7000 Series Datasheet* (Order Number 318733)
- *Intel® Core™2 Extreme Processor X6800 and Intel® Core™2 Duo Desktop Processor E6000 and E4000 Sequence Specification Update* (Order Number 313279)
- *Intel® Pentium® Dual-Core Desktop Processor E2000 Sequence Specification Update* (Order Number 316982)
- *Intel® Celeron® Dual-Core Processor E1000 Series Specification Update* (Order Number 318925)
- *Intel® Xeon® Desktop Processor 3000 Series Datasheet* (Order Number 314916)

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® 4 Series Express Chipset Family Specification Update* (Order Number: 319971) for specification updates concerning the 82G43 GMCH Controller and that may apply to the desktop board DG43RK. 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® I/O Controller Hub 10 (ICH10) Family Specification Update* (Order Number: 319974) for specification updates concerning the 82801JIB I/O Controller Hub and that may apply to the desktop board DG43RK. Unless otherwise noted in this document, it should be assumed that any ICH10 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.

General Information

Basic Desktop Board DG43RK Identification Information

AA Revision	BIOS Revision	Notes
E78175-401	RKG4310H.86A.0068	1,2
E78175-402	RKG4310H.86A.0079	1,2
E78175-403	RKG4310H.86A.0082	1,2
E78175-404	RKG4310H.86A.0085	1,2

Notes:

1. The AA number is found on a small label on the component side of the board.
2. The 4 Series Chipset kit used on this AA revision consists of two components as follows:

Device	Stepping	S-Spec Numbers
G43	A3	SLGQ2
ICH10	A0	SLB8R

Summary of Changes

The following table indicates the Specification Changes, Errata, Specification Clarifications, or Documentation Changes that apply to the Intel® Desktop Board DG43RK. 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