



Intel[®] Desktop Board D201GLY Specification Update

August 2008

Order Number: E11659-004US

The Intel[®] Desktop Board D201GLY 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 D201GLY	May 2007
-002	Update to Table MTBF Values.	January 2008
-003	Update to General Information Section.	July 2008

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The Intel® Desktop Board D201GLY 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:

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Specification Update for the Intel[®] Desktop Board D201GLY

This document is an update to the specifications contained in the *Intel[®] Desktop Board D201GLY Technical Product Specification* (Order Number D88126). 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 SiS website for specification updates concerning the SiS662 Northbridge and that may apply to the desktop board D201GLY. Unless otherwise noted in this document, it should be assumed that any North Bridge errata for a given stepping are applicable to the Altered Assembly (AA) revision(s) associated with that stepping.

Refer to the SiS website for specification updates concerning the SiS964L Southbridge and that may apply to the desktop board D201GLY. Unless otherwise noted in this document, it should be assumed that any South Bridge 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 D201GLY Identification Information

AA Revision	BIOS Revision	Notes
D76864-301	LY66210M.86A.0074	1,2
D76864-302	LY66210M.86A.0088	1,2
D76864-303	LY66210M.86A.0095	1,2
D76864-304	LY66210M.86A.0105	1,2
D76864-400	LY66210M.86A.0105	1,2
D76864-401	LY66210M.86A.0105	1,2
D78099-302	LY66210M.86A.0074	1,2
D78099-303	LY66210M.86A.0088	1,2
D78099-304	LY66210M.86A.0095	1,2
D78099-305	LY66210M.86A.0105	1,2
D78099-400	LY66210M.86A.0105	1,2
D78099-401	LY66210M.86A.0105	1,2
D81205-301	LY66210M.86A.0074	1,2
D81205-302	LY66210M.86A.0088	1,2
D81205-303	LY66210M.86A.0095	1,2
D81205-304	LY66210M.86A.0105	1,2
D81205-400	LY66210M.86A.0105	1,2
D81205-401	LY66210M.86A.0105	1,2

Notes:

1. The AA number is found on a small label on the component side of the board.
2. The SiS 662 Chipset kit used on this AA revision consists of two components as follows:

Device	Stepping	S-Spec Numbers
SiS662 Northbridge	A1	N/A
SiS964L Southbridge	A2	N/A

Summary of Changes

The following table indicates the Specification Changes, Errata, Specification Clarifications, or Documentation Changes that apply to the Intel® Desktop Board D201GLY. 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	Specification Changes
1	Doc	Updated MTBF Values table in Section 2.7 of the technical product specification.
No.	Plans	Errata
		There are no characterized erratum for this product

Specification Changes

The Specification Changes listed in this section apply to the *Intel® Desktop Board D201GLY Technical Product Specification* (Order Number D88126-001US). All Specification Changes will be incorporated into a future version of that specification.

1. Updated MTBF Values table in Section 2.7 of the technical product specification.

2.7 Reliability

The Mean Time Between Failures (MTBF) prediction is calculated using component and subassembly random failure rates. The calculation is based on the Bellcore Reliability Prediction Procedure, TR-NWT-000332, Issue 4, September 1991. The MTBF prediction is used to estimate repair rates and spare parts requirements.

The MTBF data is calculated from predicted data at 55 °C. Table 23 shows the MTBF value for each of the D201GLY board's manufacturing options:

Table 23. MTBF Values

Product Code	MTBF Value
LAD201GLYT1	327175.8832 hours
LAD201GLYL1	327175.8832 hours
BOX/BLKD201GLYL1	339835.5196 hours
LAD201GLYLT	81831.85518 hours
LAD201GLYL	82619.70563 hours
BOX/BLKD201GLYL	82619.70563 hours