



Intel® Desktop Board D845GVFN Specification Update

Release Date: August 2, 2004

Order Number: C84470-001

The Intel® Desktop Board D845GVFN 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.

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The Intel® desktop board D845GVFN 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.

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REVISION HISTORY

Date of Revision	Version	Description
August 2, 2004	-001	This document is the first Specification Update for the Intel® Desktop Board D845GVFN.

PREFACE

This document is an update to the specifications contained in the *Intel® Desktop Board D845GVFN Technical Product Specification* (Order number C83644). 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 *Intel® Pentium® 4 Processor Specification Update* (Order number 249199) for specification updates concerning the Intel Pentium 4 processor and that may apply to the desktop board D845GVFN. 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® 845G/845GL/845GV Chipset Specification Update* (Order Number 298657) for specification updates concerning the 82845GV GMCH Controller and that may apply to the desktop board D845GVFN. 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® 82801DB I/O Controller Hub 4 (ICH4) Specification Update* (Order Number 290745) for specification updates concerning the 82801DB I/O Controller Hub and that may apply to the desktop board D845GVFN. Unless otherwise noted in this document, it should be assumed that any ICH 4 errata for a given stepping are applicable to the Altered Assembly (AA) revision(s) associated with that stepping.

Nomenclature

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 D845GVFN's 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.

**Specification Update for the
Intel® Desktop Board D845GVFN**

GENERAL INFORMATION

Basic Desktop Board D845GVFN Identification Information

AA Revision	BIOS Revision	Notes
C77641-103	FN84510A.86A.0003.P01	1-5
C77646-104	FN84510A.86A.0003.P01	1-5

NOTES:

1. The AA number is found on a small label on the component side of the board.
2. The 82845GV Chipset kit used on this AA revision consists of two components as follows:

Device	Stepping	S-Spec Numbers
RG82845GV GMCH	B1	SL6PU
82801DB ICH	B0	SL6DM

3. Refer to the *Intel® Pentium® 4 Processor Specification Update* (Order Number 249199) for errata related to the Pentium 4 processor and that may apply to the desktop board D845GVFN.
4. Refer to the *Intel® 845G/845GL/845GV Chipset Specification Update* (Order Number 298657) for errata related to the 82845GV GMCH that may apply to the desktop board D845GVFN.
5. Refer to the *Intel® 82801DB I/O Controller Hub 4 (ICH4) Specification Update* (Order Number 290745) for errata related to the 82801DB I/O Controller Hub that may apply to the desktop board D845GVFN.

Summary Table of Changes

The following table indicates the Specification Changes, Errata, Specification Clarifications, or Documentation Changes that apply to the desktop board D845GVFN. 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. This table uses the following notations:

CODES USED IN SUMMARY 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	Fixed	There are no characterized errata for this product