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Columbus II Chassis Specification Update

Release Date: October 2000

Order Number: 681582-033

The Columbus II Chassis Product Discontinuance was announced August 31, 2000 No further Specification Updates will be issued on this product.

Please see PCN #101443-00 for more details.

The Columbus II chassis may contain design defects or errors known as errata that may cause the product to deviate from published specifications. Current characterized errata are documented in this Specification Update.

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REVISION HISTORY

Date of Revision	Description
June, 1997	This document is the first Specification Update for the Intel Columbus II Chassis..
July, 1997	Monthly update.
August, 1997	Corrections and additions to general information.
September, 1997	No changes.
October, 1997	Corrections and additions to general information. Changes to erratum #1.
November, 1997	Updated general information
December, 1997	Updated general information
January, 1998	No changes.
February, 1998	No changes.
March, 1998	No changes.
April, 1998	No changes.
May, 1998	Updated general information
June, 1998	No changes.
July, 1998	No changes.
August, 1998	No changes.
September, 1998	No changes.
October, 1998	No changes.
November, 1998	No changes.
December, 1998	No changes.
January, 1999	No changes.
February, 1999	No changes.
March, 1999	No changes.
April, 1999	Updated general information
May, 1999	Updated general information, and Preface information
June, 1999	No changes
July, 1999	Updated general information.
August, 1999	No changes.
September, 1999	Updated general information.
October, 1999	Issue #1 status changed to NoFix
November, 1999	No changes.
December, 1999	Updated the Chassis/System Components table for the N440BX baseboard.
January, 2000	No changes.
February, 2000	No changes.
March, 2000	No changes.
April, 2000	Updated the Chassis/System Components table for the N440BX baseboard.
May, 2000	Updated the Chassis/System Components table for the N440BX baseboard, moved Errata #1 to the Columbus II Chassis Technical Product Specification.
June, 2000	No changes.
July, 2000	No changes.
August, 2000	No changes.
September, 2000	Updated the Columbus II Chassis, KCOL, and KRDCOL sections in the Chassis/System Components table.

October, 2000	Updated the Chassis/System Components table to show all Chassis/System Components End of Life.

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PREFACE

This document is an update to the specifications contained in the *Intel Columbus II Chassis Technical Product Specification* (Order Number 282957). It is intended for hardware system manufacturers and software developers of applications, operating systems, or tools. It will contain Specification Changes, Specification Clarifications, Errata, and Document Changes.

Refer to the *Enterprise Server Group Intel R440FX UP Server Baseboard Specification Update.* (Order Number 282977) for specification updates concerning the R440FX UP Server Baseboard.

Refer to the *Enterprise Server Group Intel B440FX DP Server Baseboard Specification Update.* (Order Number 282976) for specification updates concerning the B440FX DP Server Baseboard.

Refer to the *Enterprise Server Group Intel R440LX DP Server Baseboard Specification Update.* (Order Number 243558) for specification updates concerning the R440LX DP Server Baseboard.

Refer to the *Enterprise Server Group Intel N440BX DP Server Baseboard Specification Update.* (Order Number 243783) for specification updates concerning the N440BX DP Server Baseboard.

Refer to the *Intel 82440FX PCIset Specification Update* for specification updates concerning the Intel 82440FX PCIset. Items contained in the *Intel 82440FX PCIset Specification Update* that either do not apply to the Columbus II chassis or have been worked around are noted in this document. Otherwise, it should be assumed that any PCIset errata for a given stepping are applicable to the Printed Board Assembly (PBA) revisions(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.

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.

Erratum are design defects or errors. These may cause the Columbus II chassis's behavior to deviate from published specifications. Hardware and software designed to be used with any given stepping must assume that all errata documented for that stepping are present on all devices.

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GENERAL INFORMATION

Identification Information.

For a complete revision history of system and board set level components, refer to the most recent Monthly Conversion Summary, (MCS) document.

Component	Part #/TA #	Notes
CHASSIS/SYSTEM COMPONENTS		
Columbus II Chassis	671021-001	End of Life Product (Spare order #: FRU651331)
KCOL	702105-001	End of Life Product
KRDCOL	688266-002	End of Life Product
R440FX UP Baseboard	660942-103	End of Life Product
B440FX DP Baseboard	645520-310	End of Life Product
R440LX DP Baseboard	674688-301	End of Life Product
N440BX DP Baseboard	681234-525 703861-225	End of Life Product
Front Panel	651036-201	End of Life Product
Hard Drive Housing Assembly	627164-004	End of Life Product (Spare order #: FRU627164)
1.44 Mb mode 3 Floppy	624055-005	End of Life Product
Country Kit	687059-006	End of Life Product
CD-ROM, 32X, IDE	722931-001	End of Life Product
Power Supply	661387-006	End of Life Product (Spare order #: FRU661387)
Front Bezel	615917-004	End of Life Product (Spare order #: FRU615917)

ERRATA

The following table indicates the Errata, Specification Changes, Specification Clarifications, and documentation changes which apply to the Intel Columbus II chassis. Intel intends to fix some of the errata in the future, 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.
Fix:	This erratum is intended to be fixed in a future revision of the hardware or software associated with the Columbus II chassis.
Fixed:	This erratum has been previously fixed.
NoFix:	There are no plans to fix this erratum.
Shaded:	This erratum is either new or modified from the previous version of the document.

#	Status	Summary
1		There are currently no errata for the Columbus II Chassis.