Columbus III Server Chassis Specification Update

Release Date: November 2000

Order Number: 245213--017

The Columbus III 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
April, 1999	This document is the first Specification Update for the Intel Columbus III Chassis..
May, 1999	No changes
June, 1999	Updated General Information.
July, 1999	No Changes
August, 1999	No Changes
September, 1999	No Changes
October, 1999	No Changes
November, 1999	Updated the Chassis/System Components table with the latest T440BX and L440GX+ Baseboard PBA numbers.
December, 1999	No Changes
January, 2000	No Changes
February, 2000	No Changes
March, 2000	Updated the Chassis/System Components table with the latest T440BX and L440GX+ Baseboard PBA numbers.
April, 2000	Updated the Chassis/System Components table with the latest part numbers.
May, 2000	No Changes
June, 2000	Corrected the L440GX+ Cable Kit part number in the Chassis/System Components table.
July, 2000	Updated the Chassis/System Components table with the latest L440GX+ DP Baseboard part number.
August, 2000	No Changes
September, 2000	Updated the Chassis/System Components table with the latest status on the T440BX Baseboard & Cable Kit.
October 2000	No changes
November 2000	No changes

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PREFACE

This document is an update to the specifications contained in the *Intel Columbus III Chassis Technical Product Specification* (Order Number 245153). 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 L440GX+ DP Server Baseboard Specification Update.* (Order Number 245145) for specification updates concerning the L440GX+ DP Server Baseboard.

Refer to the *Enterprise Server Group Intel NL440BX DP Server Baseboard Specification Update.* (Order Number 243783) for specification updates concerning the T440BX DP Server Baseboard.

Refer to the latest *Intel 82440GX AGPset Specification Update* for specification updates concerning the Intel 82440GX AGPset. Items contained in these Specification Updates that either do not apply to the L440GX+ Server Board or have been worked around are noted in this document. Otherwise, it should be assumed that any AGPset 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 III 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.

Specification Update for the Columbus III Server Chassis

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.

CHASSIS/SYSTEM COMPONENTS		
Component	**Part #/TA #**	**Notes**
Columbus III Chassis	650568-005	Current Release (Product code #: KALBASE)
T440BX UP Baseboard	695741-419	End of Life Product
L440GX+ DP Baseboard	704293-801	Current Release
L440GX+ Cable Kit	A18630-001	Current Release
T440BX Cable Kit	702433-002	End of Life Product
Power Supply, 300Watt	719680-002	Current Release (Spare order #: FRU719680)
Bezel Assembly	685837-003	Current Release
Front Panel	723960-001	Current Release
EMI Gasket 15.5”	698192-002	Current Release
EMI Gasket 18.5”	698192-001	Current Release
Hard Drive Housing (6)	627164-004	Current Release
Access Cover	687819-001	Current Release
External “L” Cover	650532-007	Current Release
Fan Accessory Kit	727887-001	Current Release
Hot Swap SCSI Kit	724233-002	Current Release (Spare order #: AXXCL3UPGRD)

ERRATA

The following table indicates the Errata, Specification Changes, Specification Clarifications, and documentation changes which apply to the Intel Columbus III 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 III 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		None

1.

Problem:

Implication:

Workaround:

Status: