



# **Astor Chassis Specification Update**

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The Astor 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**

<b>Date of Revision</b>	<b>Description</b>
May, 1999	This document is the first Specification Update for the Astor Chassis. Previously Astor Chassis issues were reported in the NA440BX/NC440BX Specification update. The issues have now been broken down into individual Specification Updates. Please check the N440BX Specification Update for issues related to the board and the Pentium® II Processor Specification Update for processor related issues.
June, 1999	There are no new issues for the Astor Chassis.
July, 1999	There are no new issues for the Astor Chassis.
August, 1999	There are no new issues for the Astor Chassis.
September, 1999	There are no changes this month.
October, 1999	There are no changes this month.
November, 1999	There are no changes this month.
December, 1999	There are no changes this month.
January, 2000	There are no changes this month.
February, 2000	There are no changes this month.
March, 2000	There are no changes this month.
April, 2000	There are no changes this month.
May, 2000	Updated the General Information/Identification Information Table.
June, 2000	There are no changes this month.
July, 2000	There are no changes this month.

## PREFACE

This document is an update to the specifications contained in the *Astor Chassis Technical Product Specification* (Order Number 243628). 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 *Pentium<sup>®</sup> II Processor Specification Update* (Order Number 243337) for Specification Updates concerning the Pentium II processor. Items contained in the Pentium II Processor Specification Update that either do not apply to the NA440BX DP Server system or have been worked around are noted in this document. Otherwise, it should be assumed that any processor errata for a given stepping are applicable to the Printed Board Assembly (PBA) revisions(s) associated with that stepping.

Refer to the *Intel 82440BX PCIset Specification Update* for specification updates concerning the Intel 82440BX PCIset. Items contained in these Specification Updates that either do not apply to the NA440BX DP Server system 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 for the Astor Chassis. 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. Errata may cause the Astor Chassis's behavior to deviate from published specifications. Hardware and software designed to be used with any given processor stepping must assume that all errata documented for that processor stepping are present on all devices.

# **Specification Update for the Astor Chassis**





## GENERAL INFORMATION

### *Identification Information*

Below are the specific boards, BIOS and components covered by this Specification Update. See the Board & Silicon Identification sections to determine the exact board(s), processor(s) and chipset(s) you have.

<b>Item Type</b>	<b>Component Item Number</b>	<b>Item Description</b>
Chassis	702711-004	TA # KNSASTR SKU an empty chassis
Part	685838-003	Bezel
Part	685839-002	Door
Part	685897-001	Light Pipes 4 LED
Part	686200-001	Light Pipes 5 LED
Part	168073-001	Panel I/O Filler
Part	651355-002	Cradle, Drive Bay
Part	651356-002	Bracket Fan
Part	651340-002	Access Cover
Part	704153-001	Astor SCSI HSBP FRU
Part	682139-003	Power Supply 300Watt, PFC
Part	650532-007	External "L" Cover
Part	698260-001	EMI Gasket, 3.5"
Part	698259-001	EMI Gasket, 6.0"
Part	698192-002	EMI Gasket, 15.5", Right
Part	698192-001	EMI Gasket, 18.5", Left
Part	628958-001	Drive Bay Filler Plate, 5.25"
Part	651348-003	Chassis Rear Panel
Part	651349-003	5.25"/3.5" Drive Bay
Part	688584-002	Hot-Swap Hard Drive Bay Assembly
Part	648319-003	3.5" Hot-Swap Hard Drive Carrier

Part	687069-002	Chassis Front Panel
<b>Item Type</b>	<b>Component Item Number</b>	<b>Item Description</b>
Part	688759-002	92mm Tach Fan, 12Volt
Part	651362-003	Hot-Swap Hard Drive EMI Door
Part	702712-002	Chassis Hardware Kit
Part	656775-002	Rail for 5 ¼ peripheral

**Summary Table of Changes**

The following tables indicate the Errata and the Document Changes that apply to the Astor Chassis. Intel intends to fix some of the errata in a future stepping of the component, and to account for the other outstanding issues through documentation or specification changes as noted. These tables use the following notations:

**CODES USED IN SUMMARY TABLE**

Doc:	Intel intends to update the appropriate documentation in a future revision.
Fix:	This erratum is intended to be fixed in a future stepping of the component.
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.

NO.	Plans	ERRATA
1		There are currently no errata for the Astor Chassis.

NO.	Plans	DOCUMENT CHANGES
1	Doc.	There are currently no document changes for the Astor Chassis.