



# **SR1350-E Server Chassis**

## ***Specification Update***

*Intel Order Number C255266-001*

**September, 2003**



**Enterprise Platforms and Services Marketing**

## ***Revision History***

<b>Date</b>	<b>Modifications</b>
9-2003	Initial release.

## ***Disclaimers***

The SR1350-E Server Chassis Server System may contain design defects or errors known as errata that may cause the product to deviate from the published specifications. Current characterized errata are documented in this Specification Update.

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# Contents

**Preface** ..... 1

**Product Scope**..... 2

    Upgrade and Accessory Parts ..... 2

    Replacement and Spare Parts for SC1350-E ..... 2

**Summary Tables of Changes**..... 2

**Errata**..... 4

**Documentation Changes**..... 5

## Preface

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This document is an update to the specifications contained in the *SR1350-E Server Chassis Technical Product Specification* (Order Number C32881-001). 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 *Intel® Pentium® III Xeon™ Processor Specification Update* (Order Number 244460-021) for specification updates concerning the Pentium® Xeon™ III processor. Items contained in the *Pentium® III Xeon™ Processor Specification Update* that either do not apply to the [product] 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.

## Nomenclature

- **Specification Changes** are modifications to the current published specifications for the SR1350-E server KDK. 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.
- **Errata** are design defects or errors. Errata may cause the SR1350-E server system 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.

## Product Scope

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Below are the specific SC5250-E chassis components covered in this document.

### Chassis SKUs

Product Code	MM #	UPC	Quantity	Description
SR1350ENA	854461	7 35858 16150 3	1	KDK, (1 U PCI) riser card, (2) I/O Shields, (1) 350W Power supply
SR1350E	853585	7 35858 16073 5	1	KDK, (1 U PCI) riser card, (2) I/O Shields, (1) 350W Power supply

### Chassis Subassembly Components

Description	PBA # or Module #
SR1350-E Front Panel	C32174-001
350W Power Supply Unit	853919

### Upgrade and Accessory Parts

Product Code	MM #	UPC	Qty.	Description
AKACDFLOPPY	853921	7 35858 16107 7	1	Floppy cable, CD cable, mounting screws, interface board
AKASCSICABLE	853922	7 35858 16108 4	1	SCSI cable and Terminator

### Replacement and Spare Parts for SC1350-E

Product Code	MM #	UPC	Qty.	Description
FKAPMKIT	853920	7 35858 16105 3	1	Chassis Fans (2), front Panel board, Front Panel cable, air duct, PCI riser card, i/o shield & gaskets (2), ATA cable.
FXXCBL350K	853919	7 35858 16106 0	1	350 Watt Power Supply

## Summary Tables of Changes

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The following tables indicate the errata and the document changes that apply to the SR1350-E Server Chassis. Intel intends to fix some of the errata in a future stepping of components, and to

account for the other outstanding issues through documentation or specification changes as noted. The tables use the following notations:

**Doc:** Intel intends to update the appropriate documentation in a future revision.

**Fix:** Intel intends to fix this erratum in a future release of the component.

**Fixed:** This erratum has been previously fixed.

**No Fix:** There are no plans to fix this erratum.

**Shaded:** This erratum is either new or has been modified from the previous specification update.

**Table 1. Errata Summary**

No.	Plans	Description of Errata
1	TBD	No slim line Floppy drive and CD drive kit available from Intel.
2	TBD	ISM reporting errors when configured on SE7501BR2 and SE7501HG2 and on a 35 degree environment. This error occurs when configuring Intel® Xeon™ Processors: 3.06 GHz or 3.2 GHz for SE7501BR2 and SE7501HG2.

**Table 2. Documentation Changes**

No.	Plans	Description of Documentation Change

Following are in-depth descriptions of each erratum / documentation change indicated in the tables above. The errata and documentation change numbers below correspond to the numbers in the tables.

## Errata

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### 1. No slim line Floppy drive and CD drive kit available from Intel.

- Problem:** No slim line floppy drive and CD drive kit can be ordered from Intel.
- Implication:** Customer have to order from a list of drive manufacturers directly. Please, refer to the validated manufactured list at the Intel Support site:  
<http://support.intel.com/support/motherboards/server/chassis/sr1350-e/slimline.htm>
- Workaround:** None
- Status:** Intel will provide an option in the future, to allow system integrators to order a kit for slimline floppy drive and CD drive directly from intel. Release date **TBD**.

### 2. ISM reporting errors when configured on SE7501BR2 and SE7501HG2 and on a 35-degree environment. This error occurs when configuring Intel® Xeon™ Processors: 3.06 GHz or 3.2 GHz for SE7501BR2 and SE7501HG2.

- Problem:** Intel® Xeon™ Processors: 3.06 GHz and 3.2 GHz are not supported on SR1350-E chassis with SE7501BR2 and SE7501HG2 Intel® Server based Boards. Intel Server Manager will report ambient temperature sensor errors, when configuring 3.06 GHz or 3.2 GHz Processors for SE7501BR2 and SE7501HG2 Intel® Server based Boards on a 35 degree ambient environment.
- Implication:** ISM will report ambient temperature sensor errors when configuring Intel® Xeon™ Processors for 3.06 GHz and 3.2 GHz Processors on SE7501BR2 and SE7501HG2.
- Workaround:** None. Intel® Xeon™ Processor support for: SE7501BR2 and SE7501HG2 Intel® Server based Boards with Intel® Xeon™ Processors for 3.06 GHz and 3.2 GHz are not supported on SR1350-E chassis currently.
- Status:** Intel investigating this system limitation.

## Documentation Changes

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1. .

**Problem:** .

**Implication:** .

**Workaround:** .

**Fix:** .