

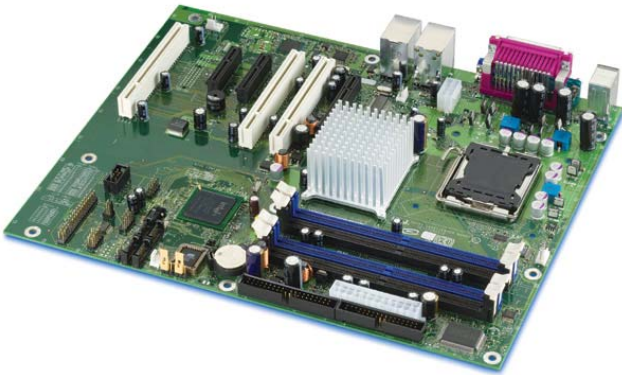
# Intel(r) Entry Server Board SE7221BA1-E and Intel(r) Server Chassis SC5250-E Spares/Parts List and Configuration Guide

A reference guide to assist customers in ordering the necessary components to configure the Intel Server Board SE7221BA1-E with the Intel Server Chassis SC5250-E

**~Subject to Change Without Notice~**

**Rev 1.1 – Intel Entry Server Board SE7221BA1-E Product Configuration Guide**

**January, 2005**



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## Change History:

<u>11/9/2004</u>	<u>Rev .9 Pre-production Configuration Guide with silver and production information</u>
<u>1/18/2005</u>	<u>Updated to Rev 1.0 to support SE7221BA1-E product launch</u>
<u>1/24/2005</u>	<u>Updated to Rev 1.1 with minor updates</u>

## A. Intel Entry Server Board SE7221BA1-E Product Overview

### Intel Entry Server Board SE7221BA1-E Product Overview

The Intel Entry Server Board SE7221BA1-E is targeted for the value UP market segment. The Intel Server Board SE7221BA1-E product family consists of two production board skus. The SE7221BA1-E program consists of on baseboard available as both a boxed product and OEM 10-pack sku.

This configuration guide describes the following production boards which are being offered as part of the SE7221BA1-E product family;

- a) **SE7221BA1** – Boxed board (base sku) with a single Marvell GbE controller + a Single Intel 10/100 Ethernet Controller
- b) **BBABB** - OEM 10-pack (base sku) with a single Marvell GbE controller + a Single Intel 10/100 Ethernet Controller

#### Key features of the Intel Entry Server Board SE7221BA1-E include;

- One Intel Entry Server Board SE7221BA1
- Intel® E7221 Chipset
- Support for Intel® Pentium® 4 processor with 800MHz System Bus in the LGA-775 socket
- Support for up to 4 DDR2 DIMMs (400 and 533MHz memory)
- Support for 4GB total memory capacity (unbuffered, ECC memory)
- Single Marvell Yukon\* PCI-Express GbE Controller + Single Intel 82551QM Ethernet Controller (10/100)
- 1 PCI-E x8 bus (x8 connector allows installation of x8, x4 and x1 adapters)
- 2 PCI-E x1 bus (with x4 connectors allow installation of x4 or x1 adapters)
- 3 PCI 32-bit/33 MHz slots
- One external serial port and one external parallel port
- Integrated 4-port SATA off the ICH6-R
- SATA RAID 0.1 and 10 driver support
- Integrated SVGA graphics via GMCH (E7221 Chipset)
- Boxed board contents include quick start guide, cables, documentation, labels, I/O Shield, Intel Server Management (ISM) 8.2 CD and server deployment CD

Note: Please reference the Intel Entry Server Board SE7221BA1-E Technical Product Specification for complete product feature details

## B. Intel Entry Server Board SE7221BA1-E Configuration Overview

### SE7221BA1-E Product Family Board Configuration Overview

This section contains information needed to order and configure a production Server Board SE7221BA1-E with a Server Chassis SC5250-E or a third party chassis.

1. The SE7221BA1-E product family is offered in two production board configurations;
  - a) **SE7221BA1** – Boxed board (base configuration: Parallel ATA and Serial ATA device support)
  - b) **BBABB** – OEM 10 pack (10 pack of boards, base configuration)
  
2. The production **Boxed Server Board SE7221BA1** contains the following:
  - One Intel® Entry Server Board SE7221BA1 (base configuration)
  - Quick Start User Guide
  - 2 CD-ROMs with Intel Server Management 8.2 software, software drivers, configuration tools, and technical product information
  - Two Serial ATA cables
  - One floppy-drive cable
  - One ATA/66/100 drive cable
  - ATX 2.01–compliant I/O shield and gasket
  - Configuration label, stickers and back-panel label
  
3. **The Intel Entry Server Board SE7221BA1-E has been validated with the following Intel chassis**
  - a. **Intel Entry Server Chassis SC5250-E**
  
4. **The Intel Entry Server Board SE7221BA1-E is also validated with a number of third party pedestal and high density chassis. Reference the SE7221BA1-E product page on support.intel.com**

### Intel Entry Server Board SE7221BA1-E SKUs – production Order Codes

Product Code	UPC	MM	Description	Qty Per
SE7221BA1	7 35858 17281 3	868624	Boxed server board – DDR2, capable, Single GbE + Single 10/100	1
BBABB	7 35858 17283 7	868616	OEM 10-pack server board – DDR2 capable, Single GbE + Single 10/100	10

## Intel Server Chassis SC5250-E Order Codes

Product Code	UPC	MM#	Quantity Included	Description
KPTBASE450	7 35858 15945 6	858478	1	SC5250-E production chassis (Beige color) – Power cord NOT included
KPTBASE450NA	7 35858 15945 6	858513	1	SC5250-E production chassis (Beige color) – Power cord Included
KPTBASE450BLK	7 35858 15964 7	858479	1	SC5250-E production chassis (Black color) – Power cord NOT included
KPTBASE450BLKNA	7 35858 15964 7	858511	1	SC5250-E production chassis (Black color) – Power cord included

## Intel Server Chassis SC5250-E Production Spares and Accessories

Product Code	MM #	UPC	Qty. Included	Description
AXX2HSDRVUG	835948	7 35858 14630 2	1	HOT SWAP SCSI DRIVE UPGRADE KIT - UPGRADE BASE KDK SKU TO 5 HOT SWAP SCSI DRIVES
FPTPMKIT	852425	7 35858 15972 2	1	Maintenance Kit Includes; 1 Front Panel Board 1 Front Panel cable, 1 USB Cable 1 Intrusion Switch/cable 1 92MM fan 1 120MM fan with fan guard attached 1 box of hardware which consists of: 2 left side peripheral rails 2 right side peripheral rails 1 lockplate 15 standoffs for server board mounting 9 screws to mount RM 38 screws to mount server board, etc (common screw) 11 countersunk screws to mount CDROM, Floppy, etc 4 screws to mount fan to a HS Bay 4 tie wraps for cable management 1 cable clamp for cable management 1 cable tie to cable management 1 rubber bumper for server board mounting 2 mounting brackets for HS bay

PWRCABLEUS	816324	7 35858 16288 3	1	North American Power Cord
ASATAHSDB	853276	7 35858 15948 7	1	SATA Drive bay including SATA hot swap drive bay assembly, 4 SATA drive carriers, 1 SATA connection ID label, 4 SATA cables and 1 user guide.
FPTCOSMKIT	852424	7 35858 15973 9	1	SC5250-E Cosmetic kit 1 black bezel 1 dusty beige bezel 4 chassis feet 2 side cover latches