

Intel[®] Server Board SE7505VB2 Intel[®] Server Chassis SC5200 (Base & BRP) Intel[®] Server Chassis SC5250-E Configuration Guide

A reference guide to assist customers in ordering the necessary components to configure the SE7505VB2 board, SC5200 and SC5250-E Chassis products

Rev 1.3

January 21, 2004

Change History:

- 1.00 Initial Release
- 1.1 Updated 4/28/03 to reflect new chassis MM#’s and power cord accessory
- 1.2 Added SATA backplane accessory information for Intel Server Chassis SC5250-e and Intel SC5200 Chassis (Base & BRP)
- 1.3 Updated to include Workstation Cooling Kit accessory.

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Production SE7505VB2 / SC5200 / SC5250-E KDK

This section contains information needed to order and configure a *production SC5200 Chassis or SC5250-E Chassis* with the *production SE7505VB2 board*.

- 1) The boxed SE7505VB2 server board contains the following:
 - One baseboard
 - ATX I/O shield and gasket
 - Cable kit including
 - Two Serial ATA cables
 - One parallel ATA cable
 - One floppy cable
 - One Serial B cable
 - CD ROM with software, drivers and manuals
 - Quick Start User Guide poster

- 2) The **SC5200 chassis** is available in two SKUs. One with a fixed power supply and another with a redundant power supply. There are also accessories available to reconfigure as a rack and add a hot swap SCSI backplane. The KDK contains the following:
 - Fixed power supply (450W) or redundant power supply (450W 1+1)
 - Four system fans and EPAC (not hot-plug)
 - Cables (1 each):
 - Front Panel Cable (34-pin baseboard header to front panel)
 - USB Cable (USB header to front panel board)
 - Chassis Intrusion Cable (baseboard header to chassis switch)
 - North American power cord ([varies by SKU –see table below](#))
 - Printed Quick Start Guide and electronic copy of product guide (manual) on a CD-ROM.

- 3) The **SC5250-E chassis** is available in either black or beige and includes two system fans and a fixed 450W power supply. A hotswap SCSI backplane and a hotswap SATA backplane accessory are both available as upgrade options. The chassis contains the following:
 - Fixed 450W PFC power supply
 - Two system fans (non-hot swap)
 - Cables (1 each)
 - Front panel cable (34-pin baseboard header to front panel)
 - USB cable (USB header to front panel board)
 - Chassis intrusion cable (baseboard header to chassis switch)
 - Adapter plates for hot swap SCSI backplane
 - North American power cord ([varies by SKU –see table below](#))
 - [Optional SATA backplane accessory](#)
 - Printed Quick Start Guide and electronic copy of product guide (manual) on a CD-ROM.

Product Code	MM #	UPC	Qty. Included	Description
BVBBB	850824	735858159296	10	OEM sku (10 pack). Base board only
SE7505VB2	850825	735858159302	1	SE7505VB2 Boxed Board
KHD3BASE450	852375	735858153508	1	SC5200 base chassis with new mounting holes for SE7505VB2 -- Power cord NOT included
KHD3BASE450NA	852502	735858153508	1	SC5200 base chassis with new mounting holes for SE7505VB2 -- Power cord included
KHD3RP450	853634	735858159319	1	Redundant chassis SKU, 450W 1+0 chassis with one power supply modules. Hot swap drive backplane is NOT included in this SKU, but can be purchased as an accessory -- Power cord NOT included
KHD3RP450NA	852134	735858159319	1	Redundant chassis SKU, 450W 1+0 chassis with one power supply modules. Hot swap drive backplane is NOT included in this SKU, but can be purchased as an accessory -- Power cord included
KPTBASE450	853718	735858159456	1	SC5250-E production chassis (Beige color) – Power cord NOT included
KPTBASE450NA	854463	735858159456	1	SC5250-E production chassis (Beige color) – Power cord Included
KPTBASE450BLK	853719	735858159647	1	SC5250-E production chassis (Black color) – Power cord NOT included
KPTBASE450BLKNA	854465	735858159647	1	SC5250-E production chassis (Black color) – Power cord included
AU320SCSI	850832	735858159326	1	U320 SCSI adapter accessory

Intel RAID options for Intel Server Board SE7505VB2

Product Code	MM #	UPC	Qty. Included	Description
SRCU32U	845946	7 35858 15455 0	1	INTEL RAID CONTROLLER SRCU32. Dual channel, Ultra160, 64-256MB expandable cache, Intel 80303 IOP processor @ 100 MHz, 64/66, Hot plug PCI.
BOXSRCU31L A	837928		1	Intel® RAID Controller SRCU31L. Single channel, 32bit/33Mhz, Ultra160, intelligent IO processor: i960 RS @ 100Mhz, embedded 16MB SDRAM cache, low profile PCI for pedestal OR 2U chassis, Intel® Integrated RAID software w/ Windows* NT/ Netware*/ UnixWare*/ Windows* 2000/ Linux* drivers. Boxed contents: RAID controller, resource CD, Quick Start Guide, standard & low profile PCI bracket.
BOXSRCU31A	837927		1	Intel® RAID Controller SRCU31. Single channel, 64bit/33Mhz, Ultra160, intelligent IO processor: i960 RS @ 100Mhz, 32-128MB expandable cache SDRAM, Intel® Integrated RAID software w/ Windows* NT/ Netware*/ UnixWare*/ Windows* 2000/ Linux* drivers. Boxed contents: RAID controller, resource CD, Quick Start Guide.
SRCU42L	847810	7 35858 15787 2	1	2 Channel (1 internal, 1 external) Ultra320, 64-bit/66MHz Zion 64/66 at 100 MHz (80303) 64MB SDRAM memory down, 32Mb flash Enhanced Performance through Faster Processor Audible Alarm Diagnostic on board LED
SRCS14L	850567	7 35858 15941 8	1	4 SATA disk connections, 64MB Cache Down. 64/66 PCI Bus. Low Profile for high-density system. Audible alarm.

SC5200 Production Chassis Spares and Accessories

Product Code	MM #	UPC	Qty.	Description
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			Included	
ASATAHSDB	853276	7 35858 15948 7	1	SATA Backplane Accessory. 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. Works with Intel Server Chassis SC5250-E and Intel Server Chassis SC5200 (Base and BRP)
FSATAHSDBBRD	853278	7 35858 16352 1	1	Spare PBA for SATA Backplane Accessory
AXX2HSDRVUG	835948	7 35858 14630 2	1	HOT SWAP SCSI DRIVE UPGRADE KIT - UPGRADE BASE KDK SKU TO 5 HOT SWAP SCSI DRIVES
AHD2RACK	835849	7 35858 14670 8	1	RACK KIT- TO CONVERT PED SKU INTO 5U RACK. INCLUDES RAILS, RACK MOUNTING HDW, RACK BEZEL IN BLACK.
AHG2IO	844599	7 35858 15299 0	50	I/O SHIELD AND GASKET- SE7505VB2. COMMON PART WITH SHG2
FHD3BRPS450W	851831	735858159487	1	Spare 450W power module for SC5200 Base Redundant KDK. Power cord not included.
FHD3BRPDB	852234	00735858159654	1	Power distribution board spare for the SC5200 Base Redundant KDK power supply
FHD2DLTBRK	836423	7 35858 14669 2	5 SETS	DLT MOUNTING BRACKET, INCLUDES SLIMLINE CD ROM MOUNTING BRACKET, AND CONNECTOR BOARD
FHD2FPBRD	835851	7 35858 14622 7	1	FRONT PANEL BOARD & CABLE
FHD2HWKT	836557	7 35858 14707 1	1	HARDWARE KIT – SCREWS FOR BOARD MOUNTING AND 2 PAIR OF 5.25" DRIVE RAILS
FHDSDE	823386	7 35858 12706 6	5 Sets	SPARE, RIGHT AND LEFT SIDE PANELS- PAINTED
FHDTP	823385	7 35858 12707 3	10	SPARE, TOP PANEL- PAINTED
FHDBTTM	823372	7 35858 12708 0	10	SPARE, BOTTOM PANEL- PAINTED
FHDFEET	823396	7 35858 12709 7	10	SPARE, PEDISTAL FOOT (BEIGE)
FHDPKG	823390	7 35858 12713 4	1	SPARE, PACKAGING
AXXEXTSCSICBL	830656	7 35858 13953 3	1	ACCESSORY, EXTERNAL SCSI CABLE
PWRCABLEUS	816324	7 35858 16288 3	1	North American Power Cord

SC5250-E Production Chassis Spares and Accessories

Product Code	MM #	UPC	Qty. Included	Description
ASATAHSDB	853276	7 35858 15948 7	1	SATA Backplane Accessory. 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. Works with Intel Server Chassis SC5250-E and Intel Server Chassis SC5200 (Base and BRP)
AXX2HSDRVUG	835948	7 35858 14630 2	1	HOT SWAP SCSI DRIVE UPGRADE KIT - UPGRADE BASE KDK SKU TO 5 HOT SWAP SCSI DRIVES
APTWKTCOOLKIT	858795	7 35858 16597 6	1	Workstation cooling kit for Intel Server Board SE7505VB2 and Intel Server Chassis SC5250-E. Improves system cooling and acoustics. Includes 2 Heatsinks, retention mechanisms, fan spacers, cooling duct, screws and documentation.
FPTPMKIT	852425	7 35858 15972 2	1	Preventative maintenance Kit 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 consist 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 Hud3 HS Bay 4 tie wraps for cable management 1 cable clamp for cable management 1 cable tie to cable management with Hud3 HS Bay 1 rubber bumper for server board mounting 2 mounting brackets for Hud3 HS bay
PWRCABLEUS	816324	7 35858 16288 3	1	North American Power Cord
FPTCOSMKIT	852424	735858159739	1	Cosmetic kit

				1 black bezel 1 dusty beige bezel 4 chassis feet 2 side cover latches
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