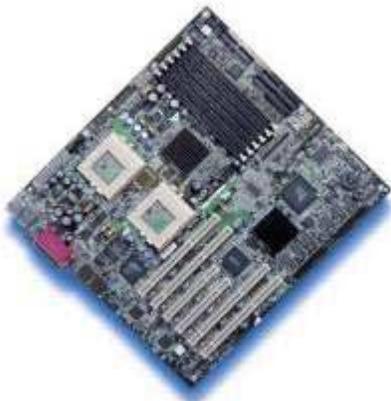# Intel® Server Board SDS2 and Intel® Server Chassis SC5100 KDK Spares/Parts List and Configuration Guide

A reference guide to assist customers in ordering the necessary components to configure the Server Board SDS2 and Server Chassis SC5100 Knock-Down-Kit (KDK) Products

Rev 1.80

Server Board SDS2

Server Chassis SC5100 - Rack

Server Chassis SC5100 - Pedestal

Change History:

6/05/01 Rev 0.75: Initial release for internal review.
6/06/01 Rev 1.00: Changes incorporated.
6/7/01 Rev 1.10: Added RAID configuration information.
8/16/01 Rev 1.20: Changed images, added Accessory SKUs
10/4/01 Rev 1.30: Separate production rack KDK list. Minor formatting corrections
10/13/02 Rev 1.40: Updated branding
10/26/01 Rev 1.50: Added minimum order quantity column to product lists. Removed Beta
3/29/2002: Rev 1.60: Removed pre-production products, changed RAID MM#s, added chassis spare options.
5/30/2002 Rev 1.70: Changed KHD2BASE300 MM#.
7/31/2002 Rev 1.80: Removed SRCMR.

Production Configurations

Production Boxed Server Board and Server Chassis KDKs

This section contains information needed to order and configure a **_production_** Server Chassis SC5100 KDK with the **_production_** boxed Server Board SDS2.

1) The **_production_** boxed Server Board SDS2 contains the following:

   - Baseboard

   - ATX I/O shield and gasket

   - Cables: Floppy, IDE, COM2 and U160 SCSI

   - Processor terminator

   - Quick-start manual and CD-ROM with drivers, documentation, server management software, etc.

2) The **_production_** Server Chassis SC5100 KDK is available in three configurations: Base, HSRP pedestal orientation and HSRP rack orientation contains the following:

   - The base chassis includes:

     - Fixed 300W PFC power supply

     - 4 Fans and 2 piece EPAC

     - Cables (1 each)

     - Front Panel Cable (34-pin baseboard header to front panel)

     - USB Cable (USB header to front panel board)

     - HSBP SMBus Cable, (HSBP SMBus connector to HSBP)

     - Chassis Intrusion Cable (baseboard header to chassis switch)

     - North American power cord

     - Printed product guide (manual)

   - The HSRP pedestal Server Chassis KDK includes:

     - Hot Swap Drive Bay

       - 1 Bay with hot docking SCSI back plane, and SAF-TE board

       - 5 hot swap drive carriers with integrated light pipes

- 350W 1+1 dual line cord (DLC) power supply housing with two 350W modules (fully redundant configuration)

- 4 Fans and 2 pieces EPAC

- 2 North American power cords

- Cables (1 each)

  - Front Panel Cable (34-pin baseboard header to front panel)

  - USB Cable (USB header to front panel board)

  - HSBP SMBus Cable, (HSBP SMBus connector to HSBP)

  - Wide LVD SCSI Cable, Ultra 160 (baseboard SCSI connector to HSBP)

  - Chassis Intrusion Cable (baseboard header to chassis switch)

- Product guide (manual) on CD-ROM

- The HSRP rack server chassis is black in color with unpainted metal sides. The chassis KDK includes:

  - Hot Swap Drive Bay

    - 1 Bay with hot docking SCSI back plane, and SAF-TE board

    - 5 hot swap drive carriers with integrated light pipes

  - 350W 1+1 dual line cord (DLC) power supply housing with two 350W modules (fully redundant configuration)

  - 4 Fans and 2 pieces EPAC

  - 2 North American power cords

  - Cables (1 each)

    - Front Panel Cable (34-pin baseboard header to front panel)

    - USB Cable (USB header to front panel board)

    - HSBP SMBus Cable, (HSBP SMBus connector to HSBP)

    - Wide LVD SCSI Cable, Ultra 160 (baseboard SCSI connector to HSBP)

    - Chassis Intrusion Cable (baseboard header to chassis switch)

  - Product guide (manual) on CD-ROM

Product Code	MM #	UPC	Quantity Included	Description
SDS2	836869	7 35858 14708 8	5	PRODUCTION BOXED SERVER BOARD SDS2
KHD2BASE300	847764	7 35858 14705 7	1	PRODUCTION SERVER CHASSIS SC5100 KDK (300W NON REDUNDANT PS)
KHD2HSRP350	836797	7 35858 14703 3	1	PRODUCTION SERVER CHASSIS SC5100 KDK (HSRP 350W 1+1)
KHD2HSRP350R	836798	7 35858 14704 4	1	PRODUCTION SERVER CHASSIS SC5100 RACK KDK (HSRP 350W 1+1)
AHD2RACK	835849	7 35858 14670 8	1	RACK CONVERSION KIT FOR SERVER CHASSIS SC5100 PEDESTAL

Production Board Spares & Accessories

Product Code	MM #	UPC	Quantity Included	Description
AXX2ICMBKIT	836017	7 35858 14653 1	1	ICMB BOARD ASSEMBLY
AJPIO	836473	7 35858 14673 9	50	IO SHIELD & GASKET

Intel RAID options for Server Board SDS2

Product Code	MM #	UPC	Quantity Included	Description
SRCU32	845946	7 35858 15455 0	1	INTEL® RAID CONTROLLER SRCU32 Dual channel, Ultra160, 32-256MB, Intel® 80303 IOP processor @ 100 MHz (Zion), 64/66, Clustering, Hot plug PCI.
BOXSRCU31L	831294	7 35858 14379 0	1	INTEL® SRCU31L RAID CONTROLLER Single channel, 32bit/33Mhz, Ultra160, intelligent IO processor: i960 RS @ 100Mhz, embedded 16MB SDRAM, 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.

Production Chassis Spares & Accessories

Product Code	MM #	UPC	Quantity Included	Description
AXX2PSMODL350	841602	7 35858 14629 6	1	350W POWER SUPPLY MODULE UPGRADE OR SPARE. INCLUDES (1) N. AMERICA POWER CORD.
AXX2HSDRVUG	835948	7 35858 14630 2	1	HOT SWAP DRIVE UPGRADE KIT- UPGRADE BASE TO 5 DRIVES OR HSRP KDK TO 10 DRIVES. Includes Drive bay with 5 carriers, mounting brackets, backplane with SAF-TE board, 1 SCSI cable and 1 I2C cable.
FHD2DLTBRK	836423	7 35858 14669 2	5 SETS	DLT MOUNTING BRACKET, INCLUDES SLIMLINE CD ROM MOUNTING BRACKET, AND SLIMLINE CD INTERFACE BOARD
FHD2PS300W	836542	7 35858 14678 4	1	SPARE FIXED 12V 300W POWER SUPPLY
FHD2PSCAGE1P1	836544	7 35858 14679 1	1	1+1 POWER SUPPLY CAGE – DUAL LINE CORD
FHD2EPAC	835950	7 35858 14632 6	1 SET	EPAC SET
FHD2FANS	835850	7 35858 14623 4	1 SET	FAN SET
FHD2FPBRD	835851	7 35858 14622 7	1	FRONT PANEL BOARD & CABLE
FHD2SPRS	836030	7 35858 14652 4	1 KIT	CHANNEL SPARES KIT
FXX2DRVCARBLK	835853	7 35858 14621 0	10	HS DRIVE CARR, 1 INCH, BLACK
FXX2HSBRD	836033	7 35858 14654 8	1	HS BACKPLANE BOARD
FXX2SAFTE	836027	7 35858 14655 5	1	SAF-TE BOARD
FHD2HWKT	836557	7 35858 14707 1	1	HARDWARE KIT – SCREWS
AXXHSBPYCBL	839432	7 35858 15044 6	10	SCSI Y-CABLE TO SPAN HOT SWAP BACK PLANES ON SERVER CHASSIS SC5100.

Existing Production Chassis Spares & Accessories

Product Code	MM #	UPC	Qty. Included	Description
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)
FHDSHRD	823387	7 35858 12712 7	10	SPARE, HSBP FAN SHROUD
FHDPKG	823390	7 35858 12713 4	1	SPARE, PACKAGING
FHDEYE2C	823392	7 35858 12720 2	10	SPARE, CABLE I2C
FHDLVDSCBL	823391	7 35858 12705 9	10	SPARE, CABLE, SCSI WIDE,LVDS
AXXEXTSCSICBL	830656	7 35858 13953 3	1	ACCESSORY, EXTERNAL SCSI CABLE