

# Intel® Server Board SAI2 and Intel® Server Chassis SC5100 Spares/Parts List and Configuration Guide

A reference guide to assist customers in ordering the necessary components to configure the Server Board SAI2 and Server Chassis SC5100 Knock-Down-Kit (KDK) Products

Rev 1.50



**Server Board SAI2**



**Server Chassis  
SC5100 – Rack  
(converted)**



**Server Chassis  
SC5100 – Pedestal  
(Base 300W)**

## Change History:

6/29/01 Rev 0.75: Initial release for internal review.

7/27/01 Rev 1.00: Changes incorporated

8/23/2001 Rev 1.10: Updated images, minor corrections

10/13/2001 Rev 1.20: Updated branding

12/12/201 Rev 1.30: Added SCSI bundle, I/O shield.

3/29/2002 Rev 1.40: Removed pre-production products, changed RAID MM#s, added chassis spare options.

5/30/2002 Rev 1.50: Changed KHD2BASE300 MM#.

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# 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** Server Board SAI2 boxed board.

- 1) The **production** Server Board SAI2 boxed contains the following:
  - Baseboard
  - ATX I/O shield and gasket
  - Cables: Floppy, Two (2) ATA 100 IDE, and 24-pin front panel
  - Quick-start guide and CD-ROM with drivers, documentation, local server monitoring software, etc.
- 2) The **production** Server Chassis SC5100 KDK is validated in the Base chassis

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)
- North American power cord
- Quick start guide
- The Hot Swap Redundant Power (HSRP) Pedestal & Rack chassis are not validated for use with SAI2.

Product Code	MM #	UPC	Quantity Included	Description
SAI2	838051	7 35858 14956 3	5	PRODUCTION SERVER BOARD SAI2 BOXED
KHD2BASE300	847764	7 35858 14705 7	1	PRODUCTION SERVER CHASSIS SC5100 KDK (300W NON REDUNDANT POWER SUPPLY)
AHD2RACK	835849	7 35858 14670 8	1	RACK CONVERSION KIT FOR SERVER CHASSIS SC5100 PEDESTAL

## Production OEM Server Board and Server Chassis KDKs

This section contains information needed to order and configure a **production** Server Chassis SC5100 KDK with the **production** OEM Server Board SAI2.

- 1) At **production** the BAIBB OEM board ships in 10 packs only:
  - Base board
  - OEMs will have to source the components included with the boxed board separately
- 2) I/O Shield spare sold in 50 packs
- 3) The chassis SKUs are the same as detailed in the section above.

Product Code	MM #	UPC	Quantity Included	Description
BAIBB	838979	7 35858 15035 4	10	PRODUCTION OEM SERVER BOARD SAI2
AAIIO	842516	7 35858 15251 8	50	ADKINS I/O SHIELD & GASKET
KHD2BASE300	847764	7 35858 14705 7	1	PRODUCTION SERVER CHASSIS SC5100 KDK (300W NON REDUNDANT POWER SUPPLY)
AHD2RACK	835849	7 35858 14670 8	1	RACK CONVERSION KIT FOR SERVER CHASSIS SC5100 PEDESTAL

## Production Boxed Server Board with SCSI adapter and Server Chassis KDKs

This section contains information needed to order and configure a **production** Server Chassis SC5100 KDK with the **production** Server Board SAI2 boxed board.

- 1) The **production** Server Board SAI2 with SCSI adapter box contains the following:
  - Baseboard
  - ATX I/O shield and gasket
  - LSILogic\* 21060 single channel U160 SCSI adapter with internal and external connectors
  - Cables: Floppy, ATA 100 IDE, SCSI with 4 drive connectors, and 24-pin front panel
  - Quick-start guide and CD-ROM with drivers, documentation, local server monitoring software, etc.

2) The **production** Server Chassis SC5100 KDK is validated in the Base chassis

- 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)
  - North American power cord
  - Quick start guide
- The Hot Swap Redundant Power (HSRP) Pedestal & Rack chassis are not validated for use with SAI2.

Product Code	MM #	UPC	Quantity Included	Description
SAI2SCSI	842451	7 35858 15252 5	5	PRODUCTION SERVER BOARD SAI2 WITH SCSI ADAPTER BOXED
KHD2BASE300	847764	7 35858 14705 7	1	PRODUCTION SERVER CHASSIS SC5100 KDK (300W NON REDUNDANT POWER SUPPLY)
AHD2RACK	835849	7 35858 14670 8	1	RACK CONVERSION KIT FOR SERVER CHASSIS SC5100 PEDESTAL

## Intel® RAID Controller options for Server Board SAI2

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 Server Chassis Spares & Accessories

Product Code	MM #	UPC	Quantity Included	Description
FHD2DLTBRK	836423	7 35858 14669 2	5 SETS	DLT mounting bracket, includes Slimline CD ROM mounting bracket, and slimline CD interfact board
FHD2PS300W	836542	7 35858 14678 4	1	SPARE FIXED 12V 300W POWER SUPPLY
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
FHD2HWKT	836557	7 35858 14707 1	1	HARDWARE KIT – SCREWS
AHD2RACK	835849	7 35858 14670 8	1	RACK CONVERSION KIT FOR 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)
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