

Intel® Server Systems SR1530CL/ SR1530CLR, SR1530HCL/ SR1530HCLR, & SR1530HCLS/SR1530HCLSR

Spares/Parts List and Configuration Guide

A reference guide to assist customers in ordering the necessary components required to configure the Intel® Server Systems SR1530CL/ SR1530CLR, SR1530HCL/ SR1530HCLR, and SR1530HCLS/ SR1530HCLSR.



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Enterprise Platforms and Services Marketing

Note: Subject to Change

Revision History

1/2007	Initial Product Release
1/2007	Added details on maintenance kit contents
3/2007	Added hard drive carrier spares, separated spares and accessories
4/2007	Added additional details on system components
6/2007	Edited description on maintenance kit spares to remove reference to PCI fan bracket
7/2007	Added clarification on AXXHERAIL; Removed reference to single boxed board product
8/2007	Adding new product codes; Removed processor list
1/2008	Add bezel information for the hot-swap SKU; removed reference to hot-swap under the previous code
8/2008	Updated MM# for AHJPCIRISER
9/2009	Updated order codes
11/2009	Added replacement Rail order codes. Removed end of life product codes. Added VMware* Vsphere virtualization software product configure guide

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Note: In addition to this document, there is a web based tool to assist customers in selecting components for Intel Server Products available here: <http://www.intel.com/go/serverconfigurator>

Production Board & System Details

This section contains information needed to order and configure the production Intel® Server Systems SR1530CL/ SR1530CLR, SR1530HCL/ SR1530HCLR, and SR1530HCLS/ SR1530HCLSR.

- 1) The production Intel® Server System SR1530CL/ SR1530CLR includes:
 - One Intel® Server Board S5000VCL(SATA)
 - SR1530 base chassis (1.69" x 17" x 20" 22lbs)
 - Fixed 400W PFC power supply (FHJ400WPS)
 - Two fixed cooling blowers with ducting and one fan
 - One riser card (AHJPCIRISER) supporting 2 PCI slots:
 - Low-profile PCI Express x8 and
 - Full-height/Mid-Length PCI-X 133Mhz
 - Support for two fixed hard drives
 - Cables:
 - Front Panel Cable
 - Two SATA Cable
 - IDE cable for optical drive
 - Basic rack rail kit (AXXBASICRAIL)
 - Loose part kit including CD ROM assembly, CD ROM interposer, rack handles and screws, fixed hard drive assembly and screws
 - Attention Document
 - Quick Start Guide
 - Quick Reference Label (installed)
 - Intel® Deployment Assistant and Intel® Server Management Software CDs
 - Note:
 - Product code SR1530CLNA/ SR1530CLRNA include AC power cord for North America
 - The chassis is designed to work with boxed Intel processors that include a 1U passive heat sink

- 2) The production Intel® Server System SR1530HCL/ SR1530HCLR includes:
 - One Intel® Server Board S5000VCL/ S5000VCLR (SATA)
 - SR1530H hot-swap chassis (1.70" x 16.92" x 25.51" 23lbs)
 - Fixed 400W PFC power supply (FHJ400WPS)
 - Two fixed cooling blowers with ducting
 - One riser card (AHJPCIRISER) supporting 2 PCI slots:
 - Low-profile PCI Express x8 and

- Full-height/Mid-Length PCI-X 133Mhz
 - Support for three hot swap SATA hard drives
 - Cables:
 - Control Panel Cable
 - Three SATA Cables
 - IDE cable for optical drive
 - Control Panel USB cable
 - SGPIO Cable
 - Basic rack rail kit (AXXBASICRAIL)
 - Loose part kit including bracket & screws for optional optical drive installation, interposer and screws for optical drive, and rack handles and screws
 - Attention Document
 - Quick Start Guide
 - Quick Reference Label (installed)
 - Intel® Deployment Assistant and Intel® Server Management Software CDs
 - Note:
 - Product code SR1530HCLNA/ SR1530HCLRNA include AC power cord for North America
 - The chassis is designed to work with boxed Intel processors that include a 1U passive heat sink
- 3) The production Intel® Server System SR1530HCLS/ SR1530HCLSR includes:
- One Intel® Server Board S5000VCL/ S5000VCLR (SAS)
 - SR1530H hot-swap chassis (1.70" x 16.92" x 25.51" 23lbs)
 - Fixed 400W PFC power supply (FHJ400WPS)
 - Two fixed cooling blowers with ducting
 - One riser card (AHJPCIRISER) supporting 2 PCI slots:
 - Low-profile PCI Express x8 and
 - Full-height/Mid-Length PCI-X 133Mhz
 - Support for three hot swap SAS or SATA hard drives
 - Cables:
 - Control Panel Cable
 - Three SAS Cables
 - IDE cable for optical drive
 - Control Panel USB cable
 - SGPIO Cable
 - Basic rack rail kit (AXXBASICRAIL) Loose part kit including bracket & screws for optional optical drive installation, interposer and screws for optical drive, and rack handles and screws

- Attention Document
- Quick Start Guide
- Quick Reference Label (installed)
- Intel® Deployment Assistant and Intel® Server Management Software CDs
- Note:
 - Product code SR1530HCLSNA/ SR1530HCLSRNA include AC power cord for North America
 - The chassis is designed to work with boxed Intel processors that include a 1U passive heat sink

Production Boards and Systems – Order Codes

Product Code	MM #	UPC	Qty Per	Description
BBS5000VCLSASR	901626	00735858196390	10	OEM 10 pack includes 10 server boards with Intel® 5000V chipset and integrated SAS controller. Note: for customers with their own enclosure
BBS5000VCLR	901627	00735858196406	10	OEM 10 pack includes 10 server boards with Intel® 5000V chipset and integrated SATA controller. Note: for customers with their own enclosure
SR1530CLR	901621	00735858197250	1	Integrated system includes SATA server board with Intel® 5000V chipset, 1U chassis with fixed hard drive support, power supply, basic rack rail, PCI riser card. (1.69" x 17" x 20.0" 22lbs)
SR1530CLRNA	901617	00735858197267	1	Integrated system includes SATA server board with Intel® 5000V chipset, 1U chassis with fixed hard drive support, power supply, basic rack rail, PCI riser card. With North American power cord. (1.69" x 17" x 20.0" 22lbs)
SR1530HCLR	901622	SR1530HCLR	1	Integrated system includes SATA server board with Intel® 5000V chipset, 1U chassis with hot swap hard drive support, power supply, basic rack rail, PCI riser. (1.70" x 16.92" x 25.51" 23lbs)
SR1530HCLRNA	901695	00735858197281	1	Integrated system includes SATA server board with Intel® 5000V chipset, 1U chassis with hot-swap hard drive support, power supply, basic rack rail, PCI riser. With North American power cord. (1.70" x 16.92" x 25.51" 23lbs)
SR1530HCLSR	901624	00735858197298	1	Integrated system includes SAS server board with Intel® 5000V chipset, 1U chassis with hot swap hard drive support, power supply, basic rack rail, PCI riser. (1.70" x 16.92" x 25.51" 23lbs)

Not included: Processors, Processor heatsinks, DDR2 Fully Buffered DIMM (FBD) main memory, hard drives, and other customer configuration items are not included in above SKUs.

Note: The product codes with strike through are already end of life.

Spares and Accessories – Order Codes:

Product Code	MM	UPC	Description	Qty Per
AHJPCIRISER	888219	00735858185073	SR1530CL/HCL Combo PCIe / PCI-X Riser	1
AHJPCIERISER	887202	00735858191081	SR1530CL/HCL Combo PCIe / PCIe Riser	1
FHJ400WPS	884626	00735858185035	SR1530CL/HCL 400W power supply for S5000V	1

			Server boards	
ACLIO	884618	00735858185103	SR1530CL/HCL I/O Shield for S5000VCL Server board	50
FHJFIXPMKIT	884619	00735858185066	SR1530CL Fixed drive maintenance kit Kit includes front panel assembly, CD-ROM brackets, air duct, various cables, and screws	1
FHJHSPMKIT	887430	00735858191388	SR1530HCL/SR1530HCLS Hot-swap maintenance kit. Kit includes front panel assembly, CD-ROM brackets, air duct, various cables, and screws	1
ADWBEZBLACK	865064	00735858169110	System front bezel for SR1530HCL/SR1530HCLS (Black).	1
AHJBEZBLACK	888348	00735858192163	System front bezl for SR1530CL Bezel (Black)	1
FSR1530BPSATA	887408	00735858191111	SR1530HCL SATA\SAS Backplane	1
FHJBLOWER	887745	00735858191548	SR1530CL/HCL blower spare kit.	1
AXXBASICRAIL	881096	00735858184748	Basic slide rail kit (does not support Cable Management Arm)	1
AXXBRACKETS	863262	00735858168618	Fixed mount bracket kit	1
AXXHERAIL2	901082		Tool-less, full extension sliding rail kit. NOTE: Best used with racks featuring square or round mounting holes	1
AXXDVDROM	881097	00735858184717	Slim-line DVD	1
AXXSCD	885100	00735858169271	Slim-line CD drive kit	1
AXXDVDCDR	880559	00735858164962	Slim-line DVD / CD re-writeable	1
FXX10DVCARBLK	880265		Hot-swap drive carrier spare with black baffle	10
PWRCABLEUS	816324	00735858162883	North American power cable	1

Production RAID – Order Codes

Product Code	MM #	UPC	Qty. Per	Description
SRCSAS144E	883470	00735858166403	5	Intel® RAID Controller SRCSAS144E PCIe x4 8-port (4 internal/4 external) SAS RAID Controller – Intel® IOP333 @ 500MHz, 128MB embedded memory. RoHS Compliant
SRCSAS18E	879066	00735858178143	5	Intel® RAID Controller SRCSAS18E PCIe x8 8-port internal SAS RAID Controller – Intel® IOP333 @ 500MHz, 256MB ECC DIMM. RoHS Compliant
SRCS16	858577	00835858167116	5	Intel® RAID Controller SRCS16 PCI 6P SATA RAID controller, 64MB embedded memory
SRCS28X	879072	00735858171625	5	Intel® RAID Controller SRCS28X, PCI-X SATA RAID controller – 128MB embedded memory

MOQ = Minimum Order Quantity.

Supported Processor List

For a complete list of supported processors for use with the Intel® Server Board S5000VCL/S5000VCL, and Intel® Server System SR1530CL/ SR1530CLR, SR1530HCL/ SR1530HCLR, and SR1530HCLS/ SR1530HCLS (note: the integrated server systems are designed to use a 1U passive heat sink) go to this link:

<http://support.intel.com/support/motherboards/server/s5000vcl/sb/CS-023399.htm>

VMware* vSphere* Virtualization Software Configuration Guide for vSphere* SKUs

Product Descriptions – Overview

VMware* vSphere* software is now available when ordering an Intel® Server Board or Intel® Server System. **Customers can only order these SKUs at the time they are ordering an Intel® Server Board or Intel® Server System.** These SKUs cannot be ordered individually.

VMware vSphere* and vCenter* Server SKUs

The following VMware vSphere SKUs are offered when purchasing a qualifying Intel® Server Board or Intel® Server System. Each SKU contains a software product activation code for user to enter to download software and install. As directed on the certificate, the end user must register the product activation code with VMware at <http://www.vmware.com/code/intel> within 30 days to access VMware Software, Support and Subscription Services.

VMware vSphere* and vCenter* Server SKUs

- Essentials
This license activation code gives the user VMware vSphere* 4 Essentials Bundle for 3 hosts (Max 2 processors per host and 6 cores per processor), with 1 year VMware Subscription.
- Essentials Plus
This license activation code gives the user VMware vSphere* 4 Essentials Plus Bundle for 3 hosts (Max 2 processors per host and 6 cores per processor), with 1 year VMware Gold Support and Subscription.
- Standard
This license activation code gives the user VMware vSphere* 4 Standard for 1 Processor (Max 6 cores per CPU), with 1 year VMware Gold Support and Subscription.
- Advanced
This license activation code gives the user VMware vSphere* 4 Advanced for 1 Processor (Max 12 cores per CPU), with 1 year VMware Gold Support and Subscription.
- Enterprise Plus
This license activation code gives the user VMware vSphere* 4 Enterprise Plus for 1 Processor (Max 12 cores per CPU), with 1 year VMware Gold Support and Subscription.
- VMware vCenter* Server Standard for vSphere*
This license activation code gives the user VMware vCenter* Server 4 Standard for vSphere* (Includes Orchestrator and Linked Mode), with 1 year VMware Gold Support and Subscription.

VMware vSphere* and VMware vCenter* Standard – Order Codes:

Product Code	UPC	MM	Description	MOQ
VMW4ESS	7 35858 21272 4	904791	Software license activation code certificate for VMware vSphere* 4 Essentials Bundle for 3 hosts (Max 2 CPUs per host and 6 cores per CPU) with 1 year VMware Subscription.	1
VMW4ESSPLUS	7 35858 21273 1	904792	Software license activation code certificate for VMware vSphere* 4 Essentials Plus Bundle for 3 hosts (Max 2 CPUs per host and 6 cores per CPU) with 1 year VMware Gold Support and Subscription.	1
VMW4STD	7 35858 21274 8	904793	Software license activation code certificate for VMware vSphere* 4 Standard for 1 Processor (Max 6 cores per CPU) with 1 year VMware Gold Support and Subscription.	1
VMW4ADV	7 35858 21275 5	904797	Software license activation code certificate for VMware vSphere* 4 Advanced for 1 Processor (Max 12 cores per CPU) with 1 year VMware Gold Support and Subscription.	1

VMW4ENTPLUS	7 35858 21276 2	904800	Software license activation code certificate for VMware vSphere* 4 Enterprise Plus for 1 Processor (Max 12 cores per CPU) with 1 year VMware Gold Support and Subscription.	1
VMWVCSTD	7 35858 21277 9	904801	Software license activation code certificate for VMware vCenter* Server 4 Standard (includes Orchestrator and Linked Mode) with 1 year VMware Gold Support and Subscription.	1

Note:

1. **Not supported with Intel® Server Board S5500HCV, Intel® Workstation Board S5520SC, or Intel® Workstation System SC5650SCWS**
2. **Please see the VMware* vSphere* 4 recipe at <http://www.intel.com/go/esaa> for the tested configuration of your Intel® Server Board S5520HC based system**
3. **At least one board or system must be ordered along with order of VMware SKU. Customers will need to join VMware System Builder Program to get sales support from VMware**

For support information please visit
<http://www.vmware.com/partners/partners.html>