Intel® Server Board S2600COE

Intel® Server Board S2600CO4

Intel® Server Chassis P4000M Family

Spares/Accessories List and Configuration Guide

A reference guide to assist customers in ordering the necessary components to configure the Intel® Server Board S2600COE, Intel® Server Board S2600CO4, with appropriate Intel chassis.

Revision 1.9

May 2014

Intel® Server Boards and Systems - Marketing

Revision History

Date	Revision	Updates
Jan '12	Rev 1.0	First official release
Jan '12	Rev 1.1	Removed all NA SKUs, final revision for book open.
Feb '12	Rev 1.2	Updated description for AXXRSBBU9; updated entire section of VMware and Symantec
May '12	Rev 1.3	Updated description details
July '12	Rev 1.4	Clarified support for Intel® SAS and RAID modules in PCIe form factor. Modules are sold separately; Clarified power cable extension for connecting 24-pin power cable to S2600CO board for use in P4000M chassis is included in air duct kit
July'12	Rev 1.5	Add Intel® Server Continuity Suite order information
Dec '12	Rev. 1.6	Removed VMware, Symantec, Intel® Server Continuity Suite, and Intel® Onsite Repair for Servers SKUs. Updated description details
July'13	Rev 1.7	Update MM#s.
Aug'13	Rev 1.8	Added E5-2600 v2 processor support.
May'14	Rev 1.9	Updated Corporate Information

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1. System Product Order Codes

1.1 Product Descriptions – Overview

The Intel® Server Board S2600COE and S2600CO4 are enterprise class server boards designed to provide maximum I/O flexibility, expandability and manageability.

1) S2600COE will be offered in both OEM and retail package

2) S2600CO4 will be offered in OEM package only

Both boards are compatible and validated in the latest Intel® Server Chassis P4000M family. For detailed ordering information such as MM numbers and product order codes, please refer to below sections in this document.

1.2 Available Production Board Order Code

Not included in package: Processors, memory DIMMs, heat sinks, and other customer configuration items are not included in below board SKUs.

Image	Product Code MM UPC EAN MOQ	Description
	DBS2600COE 918728 00735858239981 50320370347225	Boxed Intel® Server Board S2600COE, Retail Single Pack • Supports dual Intel® Xeon® E5-2600 and E5-2600 v2 processors up to 150W • Intel® C600 series chipset • 16 DDR3/DDR3L DIMM slots • 6 PCIe slots • 8 SCU SATA/SAS ports • 4 SATA ports functional w/ no storage keys and 4 ports require storage keys • SAS function requires storage key activation • 2 SATA 6Gb/s AHCI ports • Intel® Integrated Quad Gigabit Ethernet Ports with Intel® Virtualization Technology • Integrated Baseboard Management Controller with IPMI 2.0 • Option for advanced management functions with KVM and dedicated NIC for remote management • Support for Intel® SAS and RAID modules in PCIe form factor. Modules sold separately. • 1394b down with dual ports Includes I/O shield, cables, configuration labels, Intel® Server Deployment & Management DVD, attention document, Quick Start User's Guide.

	BBS2600COE 918727 0073585823999 8 5032037034739 10	Intel® Server Board S2600COE, OEM 10-Pack • Supports dual Intel® Xeon® E5-2600 and E5-2600 v2 processors up to TDP 150W • Intel® C600 series chipset • 16 DDR3/DDR3L DIMM slots • 6 PCIe slots • 8 SCU SATA/SAS ports • 4 SATA ports functional w/ no storage keys and 4 ports require storage keys • SAS function requires storage key activation • 2 SATA 6Gb/s AHCI ports • Intel® Integrated Quad Gigabit Ethernet Ports with Intel® Virtualization Technology • Integrated Baseboard Management Controller with IPMI 2.0 • Option for advanced management functions with KVM and dedicated NIC for remote management • Support for Intel® SAS and RAID modules in PCIe form factor. Modules sold separately. • 1394b down with dual ports Does not include I/O shield, cables, configuration labels, Intel® Server Deployment & Management DVD and Quick Start User's Guide. Attention document is included.
	BBS2600CO4 916033 0073585824000 0 5032037034746 10	Intel® Server Board S2600CO4, OEM 10-Pack • Supports dual Intel® Xeon® E5-2600 and E5-2600 v2 processors up to 135W • Intel® C600 series chipset • 16 DDR3/DDR3L DIMM slots • 6 PCIe slots • 8 SCU SATA/SAS ports • 4 SATA ports functional w/ no storage keys and 4 ports require storage keys • SAS function requires storage key activation • 2 SATA 6Gb/s AHCI ports • Intel® Integrated Quad Gigabit Ethernet Ports with Intel® Virtualization Technology • Integrated Baseboard Management Controller with IPMI 2.0 • Option for advanced management functions with KVM and dedicated NIC for remote management • Support for Intel® SAS and RAID modules in PCIe form factor. Modules sold separately. Does not include I/O shield, cables, configuration labels, Intel® Server Deployment & Management DVD and Quick Start User's Guide. Attention document is included.

And	DBS2600COEIOC 920973 00735858244497 50320370390625	Boxed Intel® Server Board S2600COE bundled with 8-port SAS IOC card, Retail Single Pack • Supports dual Intel® Xeon® E5-2600 and E5-2600 v2 processors up to 150W • Intel® C600 series chipset • 16 DDR3/DDR3L DIMM slots • 6 PCIe slots • 8 SCU SATA/SAS ports • 4 SATA ports functional w/ no storage keys and 4 ports require storage keys • SAS function requires storage key activation • 2 SATA 6Gb/s AHCI ports • Intel® Integrated Quad Gigabit Ethernet Ports with Intel® Virtualization Technology • Integrated Baseboard Management Controller with IPMI 2.0 • Option for advanced management functions with KVM and dedicated NIC for remote management • Support for Intel® SAS and RAID modules in PCIe form factor. Modules sold separately. • 1394b down with dual ports Includes I/O shield, cables, configuration labels, Intel® Server Deployment & Management DVD, attention document, Quick Start User's Guide, Intel® Integrated RAID Module RMS25KB080, 2 module support brackets (low profile and full height), screws. Note: Cables for SAS module sold separately: • If using hot-swap disk drives, 2 mini-SAS to mini-SAS cables are required. See product code AXXCBL650MSMS. • If using fixed disk drives, 2 SAS cables are required. See Product code AXXCBL850MS7R.

1.3   Available Production Chassis Order Codes

Not included in chassis: Air Duct, **Rail Kits,** heat sinks, processors, memory DIMMs, hard drives, and other customer configuration items are not included in below chassis SKUs.

Note: The Intel® Server Chassis and Systems shipped to the US & Canada will contain North American power cords. North American customers no longer need to order skus ending in "NA" to receive power cords on Intel products.

Image	Product Code MM UPC EAN MOQ	Description
	P4208XXMHGC 916310 00735858235723 5032037030472 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 2.5" Hot-Swap HDDs, 750W Cold-Redundant Power Supplies and Redundant Cooling. Includes: 8x 2.5" Hot-Swap Drive Carriers, 2x 750W Common Redundant Power Supply (Platinum Efficiency), 5x 80mm hot-swap fans, , one 480mm mini-SAS cable with one vertical mini-SAS header and four vertical SATA headers, one 100mm HotSwapBackPlane power cable with one 4-pin ATX power header and one 2x2 header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and calbes for that server board needs to be ordered seperately. This chassis does not have any airduct. AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards.
	P4208XXMHGR 916312 00735858235747 5032037030496 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 2.5" Hot-Swap HDDs, 750W Cold-Redundant Power Supplies and non-Redundant Cooling Includes: 8x 2.5" Hot-Swap Drive Carriers, 2x 750W Common Redundant Power Supply (Platinum Efficiency), 2x 120mm fixed fans, one 480mm mini-SAS cable with one vertical mini-SAS header and 4 vertical SATA headers, one 100mm HotSwapBackPlane power cable with one 4-pin ATX power header and one 2x2 header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct. AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards.

	P4308XXMHGC 916320 00735858235693 50320370304411	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 3.5" Hot-Swap HDDs, 750W Cold-Redundant Power Supplies and Redundant Cooling Includes: 8x 3.5" Hot-Swap Drive Carriers, 2x 750W Common Redundant Power Supply (Platinum Efficiency), 5x 80mm hot-swap fans, one 480mm mini-SAS cable with one vertical mini-SAS header and 4 vertical SATA headers, one 100mm HotSwapBackPlane power cable with one 4-pin ATX power header and one 2x2 header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately.This chassis does not have any airduct. AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards	
	P4308XXMFGN 916330 00735858235679 50320370304271	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 3.5" Fixed HDDs, 1x 750W Redundant-capable Power Supplies and non-Redundant Cooling Includes: 8x 3.5" Fixed Drive Carriers, 750W Redundant-capable Power Supply (Platinum Efficiency), 2x 120mm fixed fans,two 150mm SATA power cables with one 4-pin ATX power header and 2 vertical SATA power headers, four 600mm SATA cables , each cable has one vertical SATA header and one right angle SATA header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct. AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards	
	P4308XXMHEN 916335 00735858235655 50320370304031	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 3.5" Hot-Swap HDDs, 1x 550W Fixed Power Supplies and non-Redundant Cooling Includes: 8x 3.5" Hot-Swap Drive Carriers, 550W Fixed Power Supply (Silver Efficiency), 2x 120mm fixed fans, one 480mm mini-SAS cable with one vertical mini-SAS header and 4 vertical SATA headers, one 100mm HotSwapBackPlane power cable with one 4-pin ATX power header and one 2x2 header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct. AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards	

	P4308XXMFEN 916337 00735858235631 5032037030380 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 3.5" Fixed HDDs, 1x 550W Fixed Power Supplies and non-Redundant Cooling Includes: 8x 3.5" Fixed Drive Carriers, 550W Fixed Power Supply (Silver Efficiency), 2x 120mm fixed fans Note: This chassis is compatible with multiple server board skus. As such the specific airduct for that server board needs to be ordered seperately.	
	P4208XXMHDR 916313 00735858235754 5032037030502 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 2.5" Hot Swap HDDs, 460W Redundant Power Supplies and non-Redundant Cooling Includes: 8 x 2.5" Hot Swap Drive Carriers, , 460W Redundant Power Supplies (Gold Efficiency), 2x 120mm fixed fans Note: This chassis is compatible with multiple server board skus. As such the specific airduct for that server board needs to be ordered seperately.	
	P4208XXMHEN 916315 00735858235778 5032037030526 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 2.5" Hot Swap HDDs, 550W Fixed Power Supply and non-Redundant Cooling Includes: 8 x 2.5" Hot Swap Drive Carriers, 550W Fixed non-redundant Power Supply (Silver Efficiency), 2x 120mm fixed fans, two 150mm SATA power cables with one 4-pin ATX power header and 2 vertical SATA power headers, four 600mm SATA cables , each cable has one vertical SATA header and one right angle SATA header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct. AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards.	
	P4216XXMHJC 916974 00735858235792 5032037030540 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 2.5" Hot-Swap HDDs, 1200W Cold-Redundant Power Supplies and Redundant Cooling Includes: 16 x 2.5" Hot-Swap Drive Carriers, 2x 1200W Common Redundant Power Supply (Platinum Efficiency), 5x 80mm hot-swap fans, one 480mm mini-SAS cable with one vertical mini-SAS header and 4 vertical SATA headers, one 100mm HotSwapBackPlane power cable with one 4-pin ATX power header and one 2x2 header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct. AUPMGPURBR (920613) needs to be ordered to support add-in	

		GPGPU cards.
	P4308XXMHJC 916316 00735858235815 50320370305641	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 3.5" Hot-Swap HDDs, 1200W Cold-Redundant Power Supplies and Redundant Cooling Includes: 8 x 3.5" Hot-Swap Drive Carriers, 2x 1200W Common Redundant Power Supply (Platinum Efficiency), 5x 80mm hot-swap fans, one 480mm mini-SAS cable with one vertical mini-SAS header and 4 vertical SATA headers, one 100mm HotSwapBackPlane power cable with one 4-pin ATX power header and one 2x2 header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct. AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards.
	P4216XXMHGC 916309 00735858244558 50320370391231	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 2.5" Hot-Swap HDDs, 750W Cold-Redundant Power Supplies and Redundant Cooling Includes: 16 x 2.5" Hot-Swap Drive Carriers, 2x 750W Common Redundant Power Supply (Platinum Efficiency), 5x 80mm hot-swap fans, one 480mm mini-SAS cable with one vertical mini-SAS header and 4 vertical SATA headers, one 100mm HotSwapBackPlane power cable with one 4-pin ATX power header and one 2x2 header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cagles for that server board needs to be ordered seperately. This chassis does not have any airduct. AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards.
	P4216XXMHGR 916311 00735858244565 50320370391301	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 2.5" Hot-Swap HDDs, 750W Cold-Redundant Power Supplies and non-Redundant Cooling Includes: 16x 2.5" Hot-Swap Drive Carriers, 2x 750W Common Redundant Power Supply (Platinum Efficiency), 2x 120mm fixed fans, one 480mm mini-SAS cable with one vertical mini-SAS header and 4 vertical SATA headers, one 100mm HotSwapBackPlane power cable with one 4-pin ATX power header and one 2x2 header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards.

	P4216XXMHEN 916314 00735858244572 50320370391471	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 2.5" Hot Swap HDDs, 550W Fixed Power Supply and non-Redundant Cooling Includes: 16 x 2.5" Hot Swap Drive Carriers, 550W Fixed non-redundant Power Supply (Silver Efficiency), 2x 120mm fixed fans, one 480mm mini-SAS cable with one vertical mini-SAS header and 4 vertical SATA headers, one 100mm HotSwapBackPlane power cable with one 4-pin ATX power header and one 2x2 header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct . AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards.
	P4308XXMHGR 916327 00735858244589 50320370391541	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 3.5" Hot-Swap HDDs, 750W Cold-Redundant Power Supplies and non-Redundant Cooling Includes: 8x 3.5" Hot-Swap Drive Carriers, 2x 750W Common Redundant Power Supply (Platinum Efficiency), 2x 120mm fixed fans, one 480mm mini-SAS cable with one vertical mini-SAS header and 4 vertical SATA headers, one 100mm HotSwapBackPlane power cable with one 4-pin ATX power header and one 2x2 header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct. AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards.
	P4308XXMHGN 916328 00735858244596 50320370391611	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 3.5" Hot-Swap HDDs, single 750W Cold-Redundant Power Supplies and non-Redundant Cooling Includes: 8x 3.5" Hot-Swap Drive Carriers, 1x 750W Common Redundant Power Supply (Platinum Efficiency), 2x 120mm fixed fans, one 480mm mini-SAS cable with one vertical mini-SAS header and 4 vertical SATA headers, one 100mm HotSwapBackPlane power cable with one 4-pin ATX power header and one 2x2 header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct. AUPMGPURBR(920613) needs to be ordered to support add-in GPGPU cards.

	P4308XXMFGR 916329 00735858244602 5032037039178 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 3.5" Fixed HDDs, 750W Cold-Redundant Power Supplies and non-Redundant Cooling Includes: 8x 3.5" Fixed Drive Carriers, 2x 750W Common Redundant Power Supply (Platinum Efficiency), 2x 120mm fixed fans, two 150mm SATA power cables with one 4-pin ATX power header and 2 vertical SATA power headers, four 600mm SATA cables , each cable has one vertical SATA header and one right angle SATA header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct. AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards.
	P4308XXMHDR 916331 00735858244619 5032037039185 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 3.5" Hot-Swap HDDs, 460W Cold-Redundant Power Supplies and non-Redundant Cooling Includes: 8x 3.5" Hot-Swap Drive Carriers, 2x 460W Common Redundant Power Supply (Platinum Efficiency), 2x 120mm fixed fans, one 480mm mini-SAS cable with one vertical mini-SAS header and 4 vertical SATA headers, one 100mm HotSwapBackPlane power cable with one 4-pin ATX power header and one 2x2 header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct. AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards.
	P4308XXMHDN 916332 00735858244626 5032037039192 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 3.5" Hot-Swap HDDs, single 460W Cold-Redundant Power Supplies and non-Redundant Cooling Includes: 8x 3.5" Hot-Swap Drive Carriers, 1x 460W Common Redundant Power Supply (Platinum Efficiency), 2x 120mm fixed fans, one 480mm mini-SAS cable with one vertical mini-SAS header and 4 vertical SATA headers, one 100mm HotSwapBackPlane power cable with one 4-pin ATX power header and one 2x2 header. Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct. AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards.

	P4308XXMFDR 916333 00735858244633 50320370392081	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 3.5" Fixed HDDs, 460W Cold-Redundant Power Supplies and non-Redundant Cooling
		Includes: 8x 3.5" Fixed Drive Carriers, 2x 460W Common Redundant Power Supply (Platinum Efficiency), 2x 120mm fixed fans, two 150mm SATA power cables with one 4-pin ATX power header and 2 vertical SATA power headers, four 600mm SATA cables , each cable has one vertical SATA header and one right angle SATA header.
		Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct.
		AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards.
	P4308XXMFDN 916334 00735858244640 50320370392151	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 3.5" Fixed HDDs, single 460W Cold-Redundant Power Supplies and non-Redundant Cooling
		Includes: 8x 3.5" Fixed Drive Carriers, 1x 460W Common Redundant Power Supply (Platinum Efficiency), 2x 120mm fixed fans,two 150mm SATA power cables with one 4-pin ATX power header and 2 vertical SATA power headers, four 600mm SATA cables , each cable has one vertical SATA header and one right angle SATA header.
		Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct.
		AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards.
	P4304XXMHEN 916336 00735858244657 50320370392221	A general purpose pedestal chassis targeted at small to medium business supporting CEB and EEB form factor server boards with 3.5" Hot-Swap HDDs, 1x 550W Fixed Power Supplies and non-Redundant Cooling
		Includes: 4x 3.5" Hot-Swap Drive Carriers, 550W Fixed Power Supply (Silver Efficiency), 2x 120mm fixed fans, one 480mm mini-SAS cable with one vertical mini-SAS header and 4 vertical SATA headers, one 100mm HotSwapBackPlane power cable with one 4-pin ATX power header and one 2x2 header.
		Note: This chassis is compatible with multiple server board skus. As such the specific airduct and cables for that server board needs to be ordered seperately. This chassis does not have any airduct.
		AUPMGPURBR (920613) needs to be ordered to support add-in GPGPU cards.

	SVCEWDPSY 911295 1	Two year extended warranty for Intel® Server Systems or Intel® Server Knock Down Kits + Intel® Server Boards that support two processors. Intel® RAID controller extended warranty is purchased separately. Can be applied to the following SKUs: P4216XXMHJC, P4216XXMHGC, P4208XXMHGC, P4216XXMHGR, P4208XXMHGR, P4208XXMHDR, P4216XXMHEN, P4208XXMHEN, P4308XXMHJC, P4308XXMHGC, P4308XXMHGR, P4308XXMHGN, P4308XXMFGR, P4308XXMFGN, P4308XXMHDR, P4308XXMHDN, P4308XXMFDR, P4308XXMFDN, P4308XXMHEN, P4304XXMHEN, P4308XXMFEN
	SVCEWDPBD 911294 1	Two year extended warranty for Intel® Server Boards that support two processors.

2. Spares and Accessories Order Codes

2.1 General Spares and Accessories

Image	Product Code MM UPC EAN MOQ	Description
	AS2600COIOS 919562 00735858240017 5032037034753 50	I/O Shield accessory for Intel® S2600CO Server Board
With	FCOUPMAD 919559 00735858236133 5032037030915 1	Air duct and unique cable kit for Intel® Server Board S2600CO to be used Intel® Server Chassis P4000M Included cables: • 4 pcs SATA Cables; • Mini-SAS(hot-swap backplane) to SATA Cable(with 5-pin SGPIO); • SGPIO Cable • Power cable extension for connecting 24-pin power cable to S2600CO board for use in P4000M chassis Note: Common cables are remained in P4000M chassis package
	AUPM1394CBL 919563 00735858240024 5032037034760 1	1394 Cable and mounting kit (unique for Intel® S2600CO Server Board)
	AXXELVRAIL 920970 00735858244367 5032037038980 1	Value Rail Kit, half extension, extended inner slide member Works for 438mm wide Intel 2U/4U Rack Chassis and System families (H2000, R2000LH/R2000LT Swan Peak 2U, P4000M/P4000L/P4000L-WS)
	AXX3U5UPRAIL 915634 00735858236119 5032037030892 1	Advanced rail kit for P4000M/P4000L/P4000L-WS Server Chassis used when converting Pedestal chassis to 4U rack chassis, and full extension rails are needed. Includes: two rails

	AXX3U5UCMA 915635 00735858236126 5032037030908 1	Rack Cable Management AXX3U5UCMA (For Use with Advanced Rail Kit AXX3U5UPRAIL for Intel® Server Chassis P4000M/P4000L/P4000L-WS Family)
	FFPANEL 911682 00735858219327 5032037019255 5	Front Panel board spare for P4000, R1000, R2000 server chassis
	FXXFPANEL 915982 00735858222419 5032037018968 1	Front Panel board spare for P4000, R1000, R2000 server chassis
	A4ULCP 921029 00735858244695 5032037039260 1	LCP Module (local control panel) Enables system to display critical errors from SEL for instant diagnostic. Also allows custom message for branding. Available in Q4'2012
	FUPBEZELFIX2 925750 1	Bezel spare for P4000M server chassis with fixed drives (no door)
	FUPBEZELHSD2 925749	Bezel spare for P4000 server chassis with Hot Swap HDDs (with door for hot swap bays) (fits P4304, P4308, P4208, and P4216 with hot swap drive bays installed)

	AUPBEZEL4UF 915636 00735858235976 5032037030731 1	Rack bezel kit for converting P4000 pedestal server chassis to rack chassis Includes: bezel frame, and 2 rack handles
	AUPBEZEL4UD 915637 00735858235983 5032037030748 1	Rack bezel accessory for P4000M/P4000L/P4000L-WS chassis in rack configuration - security door only
Image not yet available	FUPMMSK 915638 00735858235990 5032037030755 1	Chassis Maintenance kit for P4000M (Mechanical Spares Kit) Including EMI cover, ODD rail, PCI card retainer 4x 3.5" EMI cover, 8x 3.5" EMI cover, ODD rail x4, #6-32 screw x20, M3x12 USB cable screw x2, M2x10 Intrusion cable
	FUPMESK 915653 00735858236003 5032037030762 1	Chassis Maintenance kit for P4000M (Electric Spares Kit) Includes: - 2x SATA power cables, one 4-pin ATX power header to two SATA power headers, 150mm - 2x SAS cables, one mini SAS header to four SATA vertical headers without SGPIO , 600mm - 1x SATA cable, 1x mini SAS header to 4x SATA vertical headers with SGPIO , 600mm - 1x I2C cable, one 5-pin header to one 3-pin header, 600mm - 1x I2C cable, one 5-pin header to one 5-pin header, 200mm - 1x Hot Swap Back Plane adapter power cable, one 1x4 pin header to one 2x2 pin header, 100mm. - 2x GPGPU power cables, one 2x2 pin header to one 2x4 pin header plus one 2x3 pin header, 1100mm - 5x fan signal cables for fan 1 to 5, 350mm - 1x intrusion cable, 200mm - 1x front panel cable, 920mm - 1x USB Cable, one 2x5 pin header to two USB type A female headers, 950mm
	FPWRCABLENA 879287 00735858181129 1	North American Power Cord Spare

	AUPMGPUBR 920613 00735858244428 5032037039048 1	Bracket for securing full length double width GPU cards to fan bulkhead, for use in P4000M, includes 1 bracket, 2 1100mm GPGPU power cables, and screws. Each GPGPU power cable has one 2x2 pin header to one 2x3 pin header plus one 2x1 header and one 2x3 pin header. The 2x3 header plus the 2x1 header can combine to a standard 2x4 pin header per GPGPU card's requirement.
Image not yet available	AUPMCOPROBR 926364 1	Bracket for securing Intel® Xeon Phi™ Coprocessor PCI Express* Card in P4000M, includes 1 bracket, 2 GPGPU power cables, 2 Intel® Xeon Phi™ Coprocessor PCI Express* Card extension brackets , screws
	AUPSRCBTP 915293 00735858238724 50320370334972	The production Intel heat sink, SRC-B tower passive, 98mmx100mm, required for production Intel® Server Boards S2600CP, S2600CO4/S2600COE and S2600IP to be used in production Intel 4U pedestal server chassis with up to **135W** CPU installed
	AUPSRCBTA 915294 00735858236164 50320370309392	The production Intel heat sink, SRC-B tower active, 98mmx100mm, required for production Intel® Workstation Board S2600CR2 to be used in production Intel Workstation Chassis P4000L-WS series, or Intel® Server Board 2600COE to be used in production Intel® 4U pedestal chassis P4000M with **150W** CPU installed
	FUPMLHSFAN 915620 00735858235969 5032037030724 1	80mm system fan kit for P4000M/P4000L server chassis includes fan, fan holder, for use in redundant cooling configuration
	FUPNHFANCPU MM# 919572 00735858236034 5032037030793 1	Fixed Fan Spare Kit for CPU area for P4000M, or CPU area for P4000L-WS

Includes: (1) 120mm fixed fan |
| | FUPMNHFANPCI MM# 919575 00735858236041 5032037030809 1 | Fixed Fan spare kit for P4000M for PCI area fan, or P4000L-WS for PCI area fan;
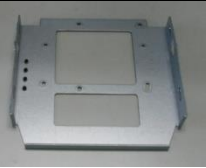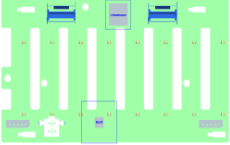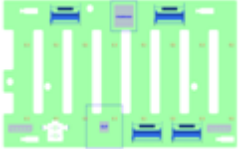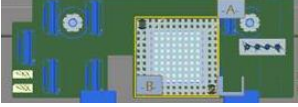
Includes: (1) 120mm fixed fan |

2.2   Power Sub-system Spares

Image	Product Code MM UPC	Description
	FUP550SNRPS 915602 00735858235839 5032037030588 1	550W Fixed Power supply spare for P4000 chassis 80Plus Silver efficiency
	FXX460GCRPS 915603 00735858235846 5032037030595 1	460W Cold Redundant Power Supply spare 80Plus Gold efficiency for P4000, R1000, and R2000 server chassis
	FXX750PCRPS 915604 00735858234979 5032037030601 1	750W Cold Redundant Power Supply spare 80Plus Platinum efficiency for P4000, R1000, and R2000 server chassis
Image not yet available	FUPNRPSADP 912769 00735858219471 5032037016278 1	P4000 Non-Redundant Power Supply adaptor kit Includes: bracket, screws, locker
	FUPCRPSCAGE 915607 00735858235891 5032037030656 1	Common Pedestal CRPS PSU cage assembly (cage, adaptor bracket, screws, supporting bulkhead, 1x blank filler)
	FUPPDBLC 916812 00735858238731 5032037033510 1	Power Distribution Board Spare (Low Current) for P4000 server chassis. Recommend to use with FXX460GCRPS or FXX750PCRPS power supplies.
	FUPPDBHC 916813 00735858238748 5032037033527 1	Power Distribution Board Spare (High Current) for P4000 server chassis. Recommend to use with FXX750PCRPS, FXX1200PCRPS or FXX1600PCRPS power supplies.

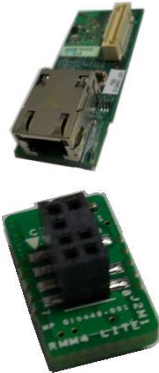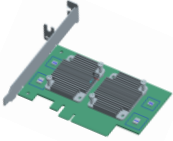| Image	Product Code MM UPC	Description
	FXX1200PCRPS 915605 735858225137 5032037035071 1	1200W Cold Redundant Power Supply spare 80Plus Platinum efficiency for P4000, and R2000 server chassis

2.3 Drive/storage subsystem spares and accessories

Image	Product Code MM UPC	Description
	FUP4X35HSDK 911885 00735858219440 5032037016230 1	3.5" Hot Swap Drive Kit for P4000 server chassis Includes: Drive Cage, Hot Swap Back Plane, 4 Hot Swap Drive carriers, data cables, I2C cable, and ID filler
	FUP8X35HSDK 915608 00735858235907 5032037030663 1	8x3.5" Hot Swap Drive Cage Kit for P4000 server chassis Includes: Drive Cage, Hot Swap Back Plane, 8 Hot Swap Drive Carriers, data cables, I2C cable, and ID filler panel
	FUP8X25HSDKS 915819 00735858235914 5032037030670 1	8x2.5" Hot Swap Drive Cage Kit for P4000 server chassis Includes: Drive cage, Hot Swap Back Plane, 8 Hot Swap Drive carriers, data cables, I^{2}C cable, ID filler panels, and power adaptor cable accessory
	FXX35HSADPB 912771 00735858219495 5032037016391 8	3.5" HDD Hot Swap Drive Carrier spares for either R1300, R2300, or P4300 chassis families
	FXX25HSCAR 918807 00735858241182 5032037035910 8	2.5" HDD Hot Swap Drive Carrier spares for either R1200, R2200, or P4200 chassis families
	FUP4X35HSBP 913595 00735858220033 5032037019279 1	Spare 4x3.5" Hot Swap Backplane for use with P4304 server chassis Includes: 3.5" backplane board

	FUP4X35NHDK 912770 00735858219488 50320370162474	Fixed Drive Carrier spare for P4300 server chassis (compatible with 2.5" HDDs/SSDs)
Image not yet available	FUP8X35HSBP 916353 00735858222792 50320370334801	Hot Swap Back Plane spare for 8x3.5" Drive Cage Kit FUP8X35HSDK for use with P4000 server chassis Includes: (1) 3.5" backplane board
	FXX8X25HSBP 917973 735858240987 50320370357361	Spare 8x2.5" Hot Swap Backplane for use with R2200, and P4200 Chassis families Includes: (1) 8x2.5" backplane board
	FXX8X25DPBP 917974 735858240994 50320370357431	Spare 8x2.5" Dual Port Hot Swap Backplane for use with R2200, and P4200 Chassis families Includes: (1) 8x2.5" backplane board, dual port
	RES2CV240 918934 735858241175 50320370359031	Integrated 24-port 6G SAS expander, compatible with R2200 family and P4000M/P4000L of chassis (only supported in 2.5" drive 2U or 4U chassis) Includes 3 screws and bumpers, 4 cables and power cable. Recommend to use with two 8x 2.5" HSBPs (total 16 drives)
	RES2CV360 918935 735858241168 50320370358971	Integrated 36-port 6G SAS expander, compatible with R2200 family and P4000M/P4000L family of chassis (only supported in 2.5" drive 2U or 4U chassis) Includes 3 screws and bumpers, 6 Mini-SAS cables and power cable. Recommend to use with three 8x 2.5" HSBPs (total 24 drives)
	RKSATA4R5 916346 735858238861 50320370336405	Enables LSI SATA SW RAID 5, Black
	RKSATA8 916347 735858238878 50320370336575	Activates 8 SATA ports and includes RSTe SW RAID 0/1/10/5 and LSI SW RAID 0/1/10 , Blue
	RKSATA8R5 916348 735858238885 50320370336645	Activates 8 SATA ports and includes RSTe SW RAID 0/1/10/5 and LSI SW RAID 0/1/10/5 (enables LSI SWR5), White
	RKSAS4 916349 735858238892	Activates 4 SAS ports and includes RSTe SW RAID 0/1/10 (no RAID 5) and LSI SW RAID 0/1/10 , Green

	5032037033671 5	
	RKSAS4R5 916350 735858238908 5032037033688 5	Activates 4 SAS ports and includes RSTe SW RAID 0/1/10 (no RAID 5) and LSI SW RAID 0/1/10/5 (enables LSI SWR5), Yellow
	RKSAS8 916351 735858238922 5032037033701 5	Activates 8 SAS ports and includes RSTe SW RAID 0/1/10 (no RAID 5) and LSI SW RAID 0/1/10 , Orange
	RKSAS8R5 916352 735858238915 5032037033695 5	Activates 8 SAS ports and includes RSTe SW RAID 0/1/10 (no RAID 5) and LSI SW RAID 0/1/10/5 (enables LSI SWR5), Purple

2.4   Expansion modules: IO Module, SAS Module, RMM4, TPM

Image	Product Code MM UPC	Description
	AXXRMM4LITE 911660 00735858219297 5032037014946 1	Activation key for advanced management features (Note that this is not required for systems where the board is integrated in the chassis)
	AXXRMM4 911670 00735858219303 5032037014922 1	Intel® Remote Management Module RMM4 – Remote KVM upgrade key and Dedicated NIC Module
	AXXTPME5 919737 735858240352 5032037035088	TPM Module for server systems supporting S2600 and S2400 board families.

	AXXQAAPCIE 920562 735858244855 5032037039420 1	Intel® Quick Assist Accelerator PCIe Card Available in Q3'2012
	RMS25KB080 924454 735858239028 5032037033800 5	Intel® Integrated RAID Module RMS25KB080, PCIe Slot, LSI2308 I/O Controller, 8P Internal SAS, LSI IR-based RAID 0,1,1E Requires PCIex8 slot If using hot-swap disk drives, 2 mini-SAS to mini-SAS cables are required. See product code AXXCBL650MSMS. If using fixed disk drives, 2 SAS cables are required. See Product code AXXCBL850MS7R.
	RMS25KB040 924455 735858239035 5032037033817 5	Intel® Integrated RAID Module RMS25KB040, PCIe Slot, LSI2308 I/O Controller, 4P SAS, LSI IR-based RAID 0,1,1E Requires PCIex8 slot If using hot-swap disk drives, 2 mini-SAS to mini-SAS cables are required. See product code AXXCBL650MSMS. If using fixed disk drives, 2 SAS cables are required. See Product code AXXCBL850MS7R.
	RMS25PB080 924868 735858238946 5032037033725 5	Intel® Integrated RAID Module RMS25PB080, PCIe Slot, LSI2208 ROC, 8P Internal SAS/SATA, LSI MegaRAID-based Firmware, 1GB DDR3, RAID 0,1,10,5,50,6,60 Requires PCIex8 slot If using hot-swap disk drives, 2 mini-SAS to mini-SAS cables are required. See product code AXXCBL650MSMS. If using fixed disk drives, 2 SAS cables are required. See Product code AXXCBL850MS7R.
	RMS25PB040 924869 735858238953 5032037033732 5	Intel® Integrated RAID Module RMS25PB040, PCIe Slot, LSI2208 ROC, 4P Internal SAS/SATA, LSI MegaRAID-based Firmware, 1GB DDR3, RAID 0,1,10,5,50,6,60 Requires PCIex8 slot If using hot-swap disk drives, 2 mini-SAS to mini-SAS cables are required. See product code AXXCBL650MSMS. If using fixed disk drives, 2 SAS cables are required. See Product code AXXCBL850MS7R.

	RMT3PB080 924870 735858238960 5032037033749 5	Intel® Integrated RAID Module RMT3PB080, PCIe Slot, LSI2208 ROC, 8P Internal SATA (only), LSI MegaRAID-based Firmware, 512MB DDR3, Restricted to use only SATA drives, R0,1,10,5,50,6,60 Requires PCIex8 slot If using hot-swap disk drives, 2 mini-SAS to mini-SAS cables are required. See product code AXXCBL650MSMS. If using fixed disk drives, 2 SAS cables are required. See Product code AXXCBL850MS7R.
Image not yet available	AXXRMFBU2 919876 735858244541 5032037039116 5	Maintenance Free Backup Unit with NAND Flash and Supercapacitor
	AXXRSBBU9 919738 735858220286 5032037039567 5	Intel® RAID Smart Battery AXXRSBBU9 provides optional battery backup for mainstream RS25, RMS25, RT3 and RMT3 family RAID products.

End of Configuration Guide