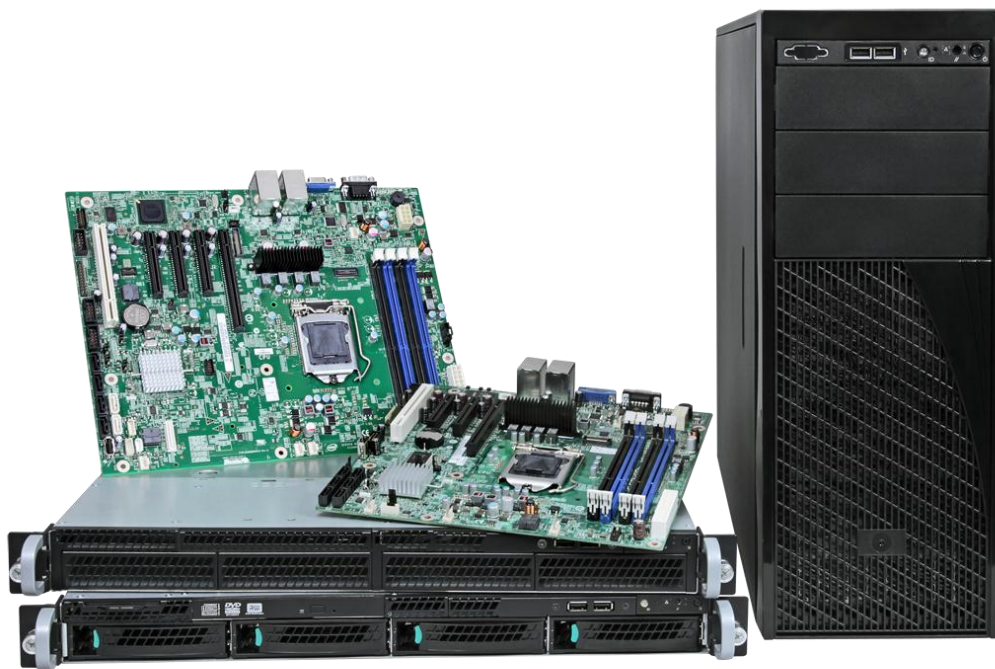


Intel® Server Systems R1304BT, Intel® Server Systems P4304BT, Intel® Server Boards S1200BT, and Intel Server Chassis P4304

Configuration Guide and Spares/Accessories List

A reference guide to assist customers in ordering the necessary components to configure the S1200BT family of Intel® Server Systems building blocks



Revision 2.6

May. 2012

Enterprise Platforms and Services Marketing

Revision History

June`10 – Rev0.5 – First Revision

Sept`10 – Rev0.6 First SKU definition

Oct`10 – Rev 0.85 new SKU definition and early product codes

Nov`10 – Rev 0.90 Added Union Peak spares and accessories

Dec`10 – Rev 0.96 Added more detail to configuration descriptions

Dec`10 – Rev 1.0 Added MM#s

Dec`10 – Rev 1.1 Added more MM#s and UPCs

Jan`11 – Rev 1.2/3 Added missing MM#s and UPCs, enhanced product descriptions

March`11 – Rev 1.4,5,6,7,8 minor edits and corrections

June`11 – Rev 1.9,2.0- minor edits, photos, box contents, etc.

July`11 – Rev.2.2- Added Symantec Backup Exec 2010 and VMware vSphere* and vCenter*

Server SKUs

Sep`11 – Rev.2.3- Update the MM number for FXX35HSADPB and FUPSNHFANE3.

Dec`11- Rev.24 – Update the MM number for R1304BTLSHBN.

Jan`12 – Rev.25 – Update the new product code and MM number for Intel® Xeon® E3-1200 v2 processors or 3rd Generation Intel® Core™ processor i3 processors.

May`12 – Rev.26 – Added fixed mount bracket kit for 2-post racks, update AXXTPE3 MM#.

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1. Product Order Code Information

1.1 Product Descriptions – Overview

The products that follow are an entry-level family of general-purpose server products designed for small to medium sized business applications, including 1U rack systems supporting advanced management features and rich I/O.

Intel® Server Board Product compatible with the Intel® Xeon® E3-1200 processors, 2nd Generation Intel® Core™ processor i3 processors, Intel® Xeon® E3-1200 v2 processors or 3rd Generation Intel® Core™ processor i3 processors is offered as two SKUs:

1. **Intel® Server Board S1200BTLR** – ATX form factor motherboard based on Intel® C204 chipset with the following features:

- 4 DDR3 ECC UDIMM sockets (Unbuffered)
- 5 Slots:

With Intel® Xeon® E3-1200 processors, the 2nd Generation Intel® Core™ i3 Processors, or the 3rd Generation Intel® Core™ i3 Processors:

- Slot1: One 5V PCI 32 bit/33 MHz connector
- Slot3: One PCI Express* Gen2 x8 (x4 throughput) connector
- Slot4: One PCI Express* Gen2 x8 (x4 throughput) connector
- Slot5: One PCI Express* Gen2 x8 (x4 throughput) connector
- Slot6: One PCI Express* Gen2 x16 (x8 throughput) connector

With Intel® Xeon® E3-1200 V2 processors:

- Slot1: One 5V PCI 32 bit/33 MHz connector
- Slot3: One PCI Express* Gen2 x8 (x4 throughput) Gen2 connector
- Slot4: One PCI Express* Gen3 x8 (x4 throughput) connector
- Slot5: One PCI Express* Gen3 x8 (x4 throughput) connector
- Slot6: One PCI Express* Gen3 x16 (x8 throughput) connector

- 6 SATA ports (2x6Gbps, and 4x3Gbps) via Intel® C204 chipset with Intel® Embedded Server RAID Technology II (SW RAID 0, 1, 10 support) and Intel® Rapid Storage Technology (SW RAID 0, 1, 10, 5 support)
- Embedded Intel® Dual Gigabit Controller 82574L and 82579
- IPMI 2.0 support
- Support AXXRAKSW5, AXX4SASMOD, AXXRMS2LL040 and AXXRMS2AF040 as optional RAID accessory
- Supports AXXRMM4 or AXXRMM4LITE as optional Remote Management Module accessory

2. **Intel® Server Board S1200BTSR** - uATX form factor motherboard based on Intel C202 chipset with the following features:

- 4 DDR3 ECC UDIMM sockets (Unbuffered)
- 4 Slots:

With Intel® Xeon® E3-1200 processors, the 2nd Generation Intel® Core™ i3 Processors or the 3rd Generation Intel® Core™ i3 Processors:

- Slot4: One 5V PCI 32 bit/33 MHz connector
- Slot5: One PCI Express* Gen2 x8 (x4 throughput) connector
- Slot6: One PCI Express* Gen2 x8 (x8 throughput) connector
- Slot7: One PCI Express* Gen2 x16 (x8 throughput) connector

With Intel® Xeon® E3-1200 V2 processors:

Slot4: One 5V PCI 32 bit/33 MHz connector

Slot5: One PCI Express* Gen2 x8 (x4 throughput) connector

Slot6: One PCI Express* Gen3 x8 (x8 throughput) connector

Slot7: One PCI Express* Gen3 x16 (x8 throughput) connector

- 6 SATA ports (6x3Gbps) via Intel® C202 chipset with Intel® Embedded Server RAID Technology II (SW RAID 0, 1, 10 support) and Intel® Rapid Storage Technology (SW RAID 0, 1, 10, 5 support)
- Embedded Intel® Dual Gigabit Controller 82574L and 82579
- Supports AXXRAKSW5 as optional RAID accessory

Rack System Product based on the Intel® Server Board S1200BT is offered as three SKUs:

1. **Intel® Server System R1304BTLSFANR (Integrated SKU).** Intel Server Board S1200BTLR integrated into 1U rack chassis with 4 x Fixed HDD Carriers, and a 250W non-redundant power supply.
2. **Intel® Server System R1304BTLSHBNR (Integrated SKU).** Intel Server Board S1200BTLR integrated into 1U rack chassis with 4 x Hot Swap HDD Carriers, and a 350W non-redundant power supply.
3. **Intel® Server System R1304BTSSFANR (Integrated SKU).** Intel Server Board S1200BTSR integrated into 1U rack chassis with 4 x Fixed HDD Carriers, and a 250W non-redundant power supply.

Not included in systems: System does not include Processors, DDR3 main memory, hard drives, and other customer configuration items


Pedestal System Product based on the Intel® Server Board S1200BT will be offered as three SKUs at production:




1. **Intel® Server System P4304BTLFCNR (Integrated SKU).** Intel Server Board S1200BTLR integrated into a pedestal chassis with 4 x Fixed (3.5") HDD Carriers, and a 365W non-redundant power supply.
2. **Intel® Server System P4304BTLSHCNR (Integrated SKU).** Intel Server Board S1200BTLR integrated into a pedestal chassis with 4 x Hot Swap (3.5") HDD Drive Kit, and a 365W non-redundant power supply.
3. **Intel® Server System P4304BTSSFCNR (Integrated SKU).** Intel Server Board S1200BTSR integrated into a pedestal chassis with 4 x Fixed HDD Carriers, and a 365W non-redundant power supply.






Not included in systems: Systems do not include Processors, DDR3 main memory, hard drives, and other customer configuration items



1.2 Production Order Codes for Intel Server Boards and Intel Server Systems, and Intel Server Chassis




Not included in systems: Processors, DDR3 main memory, hard drives, and other customer configuration items are not included in below SKUs.



Image	Product Code MM UPC EAN	Description	Minimum Order Quantity
	<p>S1200BTLR 920608 00735858244053 5032037038676</p>	<p>Intel® Server Board S1200BTLR with Intel® C204 chipset:</p> <ul style="list-style-type: none"> • 4 DDR3 UDIMM sockets (Unbuffered) 2 channel native • PCI Slots: <ul style="list-style-type: none"> 1x PCI Express x8 slot (x16 mechanical) 3x PCI Express x4 slot (x8 mechanical) 1x PCI 32/33 (5V) slot • 6 SATA ports (2x6Gbps, and 4x3Gbps) via Intel® C204 chipset with Intel® Embedded Server RAID Technology II (SW RAID 0, 1, 10 support) and Intel® Rapid Storage Technology (SW RAID 0, 1, 10, 5 support) • Embedded Intel® Dual Gigabit Controller 82574L and 82579 • IPMI 2.0 support • Support AXXRAKSW5, AXX4SASMOD, AXXRMS2LL040 and AXXRMS2AF040 as optional RAID accessory • Supports AXXRMM4 or AXXRMM4LITE as optional Remote Management Module accessory • Compatible with Intel® Xeon® E3-1200 Processors and the 2nd Generation Intel® Core® i3 processors • Compatible with Intel® Xeon® E3-1200 v2 Processors and the 3rd Generation Intel® Core® i3 processors <p>Box also includes the following items:</p> <ul style="list-style-type: none"> • ATX I/O shield • Cables: 2 SATA HDD cables • RoHS Declaration Documentation • Attention Document • Quick Start Guide • Quick Config Label • Resource DVD with utilities, drivers, documentation, technical information and Intel System Management Software 	<p>1</p>

	<p>S1200BTSR 920609 00735858244039 5032037038652</p>	<p>Intel® Server Board S1200BTSR with Intel® C202 chipset</p> <ul style="list-style-type: none"> • 4 DDR3 UDIMM sockets (Unbuffered) 2 channel native (1066/1333MHz) • PCI Slots: One PCI Express x8 slot (x16 mechanical) One PCI Express x8 slot (x8 mechanical) One PCI Express x4 slot (x8 mechanical) One PCI 32/33 (5V) slot • 6 SATA ports (6x3Gbps) via Intel® C202 chipset with Intel® Embedded Server RAID Technology II (SW RAID 0, 1, 10 support) and Intel® Rapid Storage Technology (SW RAID 0, 1, 10, 5 support) • Embedded Intel® Dual Gigabit Controller 82574L and 82579 • Supports AXRAKSW5 as optional RAID accessory • Compatible with Intel® Xeon® E3-1200 Processors and the 2nd Generation Intel® Core® i3 processors • Compatible with Intel® Xeon® E3-1200 v2 Processors and the 3rd Generation Intel® Core® i3 processors <p>Box also includes the following items:</p> <ul style="list-style-type: none"> • ATX I/O shield • Cables: 2 SATA HDD cables • RoHS Declaration Documentation • Attention Document • Quick Start Guide • Quick Config Label • Resource DVD with utilities, drivers, documentation and technical information 	<p>1</p>
	<p>BBS1200BTLR 920603 00735858244060 5032037038683</p>	<p>Intel® Server Board S1200BTLR with Intel® C204 chipset. (shipped in bulk pack of 10) (Intended for large OEM customers)</p>	<p>10</p>
	<p>BBS1200BTSR 920605 00735858244046 5032037038669</p>	<p>Intel® Server Board S1200BTSR with Intel® C202 chipset. (shipped in bulk pack of 10) (Intended for large OEM customers)</p>	<p>10</p>

	<p>DBS1200BTLR 920606 00735858244022 5032037038645</p>	<p>Intel® Server Board S1200BTLR with Intel® C204 chipset. Disti 5 pack – (5 single pack server boards in a disti overpack box)</p>	<p>5</p>
	<p>DBS1200BTSR 920607 00735858244015 5032037038638</p>	<p>Intel® Server Board S1200BTSR with Intel® C202 chipset. Disti 5 pack – (5 single pack server boards in a disti overpack box)</p>	<p>5</p>
	<p>SVCEWUPBD 911292</p>	<p>Intel® Server Component Extended Warranty Extended Warranty SKU for S1200BTLR and S1200BTSR Extends Warranty from 3 years to 5 years</p>	<p>1</p>
	<p>R1304BTLSHBNR 920778 00735858244008 5032037038621</p>	<p>Intel® Server System R1304BTLSHBNR Includes:</p> <ul style="list-style-type: none"> • Intel® Server Board S1200BTLR with Intel® C204 chipset • Intel Server Chassis R1304 • One 4-port passive SATA Backplane • 4 3.5" Hot Swap HDD sleds • 3 non-redundant non-hotswap fans • 1 low profile riser with one PCI Express x8 wired slot (one x8 connector) • 1 Silver efficient 350W power supply • 4 SATA cables for 3.5" HDD bays • 1 cable for Optical drive bay • 1 passive processor heatsink • Documentation (Quick Start Guide, Quick Reference label, Attn Doc, RoHS Declaration) • Resource DVD with utilities, drivers, documentation, technical information and Intel System Management Software • 2 chassis front handles in the box (ears) 	<p>1</p>
	<p>R1304BTLSFANR 920779 00735858243995 5032037038614</p>	<p>Intel® Server System R1304BTLSFANR Includes:</p> <ul style="list-style-type: none"> • Intel® Server Board S1200BTLR with Intel® C204 chipset • Intel Server Chassis R1304 • 4 fixed 3.5" HDD sleds • 3 non-redundant non-hotswap fans • 1 low profile riser with one PCI Express 2.0 x8 wired slot (one x8 connector) • 1 Bronze efficient 250W power supply • 4 SATA cables for 3.5" HDD bays 	<p>1</p>






		<ul style="list-style-type: none"> • 1 cable for Optical drive bay • 1 processor heatsink • Documentation (Quick Start Guide, Quick Reference label, Attn Doc, RoHS Declaration) • Resource DVD with utilities, drivers, documentation, technical information and Intel System Management Software • 2 chassis front handles in the box (ears) 	
	<p>R1304BTSSFANR 920782 00735858243988 5032037038607</p>	<p>Intel® Server System R1304BTSSFANR Includes:</p> <ul style="list-style-type: none"> • Intel® Server Board S1200BTSR with Intel® C202 chipset • Intel Server Chassis R1304 (Fixed HDD) • 4 fixed 3.5" HDD sleds • 3 non-redundant non-hotswap fans • 1 low profile riser with one PCI Express 2.0 x8 wired slot (one x8 connector) • 1 Bronze efficient 250W power supply • 4 SATA cables for 3.5" HDD bays • 1 cable for Optical drive bay • 1 passive processor heatsink • Documentation (Quick Start Guide, Quick Reference label, Attn Doc, RoHS Declaration) • Resource DVD with utilities, drivers, documentation and technical information • 2 chassis front handles in the box (ears) 	1
	<p>P4304BTLSHCNR 920615 00735858243971 5032037038591</p>	<p>Intel® Server System P4304BTLSHCNR Includes:</p> <ul style="list-style-type: none"> • Intel® Server Board S1200BTLR with Intel® C204 chipset • Intel Server Chassis P4304 (21" Pedestal chassis) • 4 x Hot Swap (3.5") HDD Drive Kit • 1 rear chassis fan • 1 365W power supply • 4 SATA cables • Power cable adapter • Documentation (Quick Start Guide, Configure label, Attn Doc, RoHS Declaration) • Resource DVD with utilities, drivers, documentation and technical information and Intel System Management Software <p>*Note: No heatsink included</p>	1

	<p>P4304BTL SFCNR 920614 00735858243957 5032037038577</p>	<p>Intel® Server System P4304BTL SFCNR</p> <p>Includes:</p> <ul style="list-style-type: none"> • Intel® Server Board S1200BTLR with Intel® C204 chipset • Intel Server Chassis P4304 (21" Pedestal chassis) • 4 x Fixed (3.5") HDD Carriers • 1 rear chassis fan • 1 365W power supply • 4 SATA cables • Power cable adapter • Documentation (Quick Start Guide, Config Label, Attn Doc, RoHS Declaration) • Resource DVD with utilities, drivers, documentation, technical information, and Intel System Management Software 	<p>1</p>
	<p>P4304BT S SFCNR 920616 00735858243964 5032037038584</p>	<p>Intel® Server System P4304BT S SFCNR</p> <p>Includes:</p> <ul style="list-style-type: none"> • Intel® Server Board S1200BTSR with Intel® C202 chipset • Intel Server Chassis P4304 (21" Pedestal chassis) • 4 x Fixed (3.5") HDD Carriers • 1 rear chassis fan • 1 365W power supply • 4 SATA cables • Power cable adapter • Documentation (Quick Installation Guide, Config Label, Attn Doc, RoHS Declaration) • Resource DVD with utilities, drivers, documentation and technical information 	<p>1</p>
	<p>P4304XX SFCN 911754 00735858219358 5032037016933</p>	<p>Intel® Server Chassis P4304XX SFCN (Entry Pedestal Chassis w/ 4 Fixed HDD sleds, 365W non-redundant power supply)</p>	<p>1</p>


	<p>P4304XXSHCN 911765 00735858219365 5032037016940</p>	<p>Intel® Server Chassis P4304XXSHCN (Entry Pedestal Chassis w/ 4 x Hot Swap (3.5") HDD Drive Kit, 365W non-redundant power supply)</p>	<p>1</p>
	<p>SVCEWUPSY 911293</p>	<p>Intel® Server Component Extended Warranty Extended Warranty SKU for UP Systems Extends Warranty from 3 years to 5 years Can be applied to the following SKUs: R1304BTLSFANR, R1304BTLSHBNR, R1304BTSSFANR P4304BTLSEFCNR, P4304BTLSEHCNR, P4304BTSSFECNR P4304XXSEFCN, P4304XXSEHCN.</p>	



2. Spares and Accessories Order Codes

2.1 I/O Module Accessories


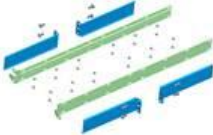


Image	Product Code MM UPC	Description	Minimum Order Quantity
	AXX4SASMOD 900946 00735858206372	Internal 4-port SAS module, based on LSI* 1064e controller, with Embedded RAID support.	1
	AXXRMS2LL040 907856 00735858215763	Internal 4-port SAS (6Gb) module 4P SAS with RAID 0,1,1E	5
	AXXRMS2AF040 907854 00735858215756	Internal 4-port SAS (6Gb) Entry Module w/ RAID 0,1,5	5
	AXXRAKSW5 878958 00735858181860	Intel RAID Activation Key AXXRAKSW5 to enable SW RAID 5 for Embedded SW RAID Technology stack on MB SATA ports (compatible with both S1200BTLR, and S1200BTSR)	5
	SVCEWRAID 911298	Intel® Server Component Extended Warranty Extended Warranty SKU RAID Extends Warranty from 3 years to 5 years Can be applied to the following SKUs: AXXRAKSW5, AXX4SASMOD, AXXRMS2AF040, AXXRMS2AF080, AXXRMS2LL040, AXXRMS2LL080	1



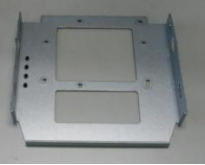




2.2 Management Module Accessories




Image	Product Code MM UPC	Description	Minimum Order Quantity
	AXXRMM4LITE 911660 00735858219297 5032037014946	Intel® Remote Management Module RMM4 LITE -Remote KVM upgrade Module	1

	<p>AXXRMM4 911670 00735858219303 5032037014922</p>	<p>Intel® Remote Management Module RMM4 – Remote KVM upgrade with Dedicated NIC Module</p>	1
	<p>AXXTPME3 922115 00735858219310 5032037015196</p>	<p>Intel® TPM Trusted Platform Module</p>	1




2.3 System Spares and Accessories

Image	Product Code MM UPC	Description	Minimum Order Quantity
	<p>AXXVRAIL 912796 735858219693 5032037015202</p>	<p>Value Rail Kit Works for 438mm wide Intel 1U/2U Rack Chassis (R1300, R1200, R2200, R2300).</p>	1
	<p>AXX2POSTBRCKT 918808 735858245319 5032037039833</p>	<p>Fixed mount bracket kit for 2-post racks</p>	1
	<p>FXXFPANEL 915982 00735858222419 5032037018968</p>	<p>Front Panel board spare for use on all 1U/2U (R1300, R1200, R2200, 2300) Rack chassis and P4300 Pedestal Chassis</p>	1
Image not yet available	<p>FR1304MSK 912802 00735858219723 5032037015790</p>	<p>Mechanical Spares Kit for R1304 Rack Chassis</p>	1
Image not yet available	<p>FR1304ESK 912803 00735858219730 5032037015776</p>	<p>Electrical Spares Kit for R1304 Rack Chassis</p>	1
Image not yet available	<p>FUP4X35HSDK 911885 00735858219440 5032037016230</p>	<p>Hot Swap Drive Bay Kit for P4304 Pedestal Chassis - Content List</p>	1
	<p>FXX35HSADPB 912771 00735858219495 5032037016391</p>	<p>3.5" HDD Hot Swap carrier spares for either R1304, R2300, or P4300 chassis</p>	8


	<p>FUPBEZELFIX 911886 00735858219457 5032037016254</p>	<p>Pedestal Bezel (Fixed version) (fits P4304)</p>	<p>1</p>
	<p>FUPBEZELHSD 911896 00735858219464 5032037016261</p>	<p>Pedestal Bezel (w/door for HS bays) (fits P4304 with HS drive bays installed)</p>	<p>1</p>
	<p>FUP4X35NHDK 912770 00735858219488 5032037016247</p>	<p>Fixed drive carrier for fixed Pedestal chassis (Fits P4304)</p>	<p>4</p>
<p>Image not yet available</p>	<p>FUPSMSK 912773 00735858219518 5032037016292</p>	<p>Pedestal Mechanical Spares Kit for P4304 Pedestal Chassis</p>	<p>1</p>
<p>Image not yet available</p>	<p>FUPSESK 912774 00735858219525 5032037016285</p>	<p>Pedestal Electrical Spares Kit for P4304 Pedestal Chassis</p>	<p>1</p>
	<p>FUP4X35HSBP 913595 00735858220033 5032037019279</p>	<p>4 x 3.5" hard drive Hot Swap Backplane spare for P4304 Pedestal chassis</p>	<p>1</p>
	<p>AXXSATADVROM 906872 00735858197663</p>	<p>Slimline SATA DVDROM Accessory</p>	<p>1</p>
	<p>AXXSATADVDRWROM 906873 00735858197670</p>	<p>Slim SATA DVD+/-RW ROM Accessory</p>	<p>1</p>
	<p>FPWRCABLENA 879287 00735858181129</p>	<p>North American Power Cord Spare</p>	<p>1</p>

	FR1000FAN 912799 00735858219709 5032037015745	R1000 Chassis Family Fan spare kit. 28mm x 40mm for R1304 UP Rack system	3
	FXX1304HSBP 920317 00735858223126 5032037019323	Hot Swap Backplane spare for R1304 1U chassis	1
	AXXTIO 901685 00735858207683	I/O Shield for Intel® Server Boards S1200BTLR and S1200BTSR and S3420GPLX.	50
Image not yet available	FUPSNHFANE3 912772 00735858219501 5032037016308	92mm rear fan kit (1 x 92 mm fan, 1 x rear vent cover) spare for P4304 Pedestal Chassis	1

2.4 Power Sub-system Spares

Image	Product Code MM UPC	Description	Minimum Order Quantity
	FR1000PS350 912801 00735858219853 5032037015769	R1304BT 350W non-redundant power supply spare	1
	FR1000PS250 912800 00735858219716 5032037015752	R1304BT 250W non-redundant power supply spare	1
	FUP365SNRPS 911884 00735858219433 5032037016223	P4304 365W non-redundant Power Supply Spare (80 Plus Silver)	1

2.5 Riser Spares and Accessories

Image	Product Code MM UPC	Description	Minimum Order Quantity
	F1US8RISER 916134 00735858222426 5032037018975	1 slot PCI-e Riser. Riser provides: 1 full-size x8 physical x8 electrical slot	1

2.6 VMware vSphere* and vCenter* Server SKUs

Each VMware vSphere SKU contains a paper certificate with a software product activation code. As directed on the certificate, the end user must register the product activation code with VMware at <http://www.vmware.com/code/intel> to access VMware Software, Support and Subscription Services.

VMware vSphere* and vCenter* Server Editions

All VMware vSphere SKUs (except Essentials) are bundled with either 1 year VMware Basic 12x5 (formerly Gold) or with 1 year VMware Production 24x7 (formerly Platinum) Support and Subscription. The Essentials SKU is bundled with 1 year VMware Subscription.

Essentials	VMware vSphere* 4 Essentials Bundle for 3 hosts (Max 2 processors per host and 6 cores per CPU) with 1 year VMware Subscription.
Essentials Plus	VMware vSphere* 4 Essentials Plus Bundle for 3 hosts (Max 2 processors per host and 6 cores per CPU) with 1 year VMware Basic (12x5) Support and Subscription with 1 year VMware Production (24x7) Support and Subscription
Standard	VMware vSphere* 4 Standard for 1 Processor (Max 6 cores per CPU) with 1 year VMware Basic (12x5) Support and Subscription with 1 year VMware Production (24x7) Support and Subscription
Advanced	VMware vSphere* 4 Advanced for 1 Processor (Max 12 cores per CPU) with 1 year VMware Basic (12x5) Support and Subscription with 1 year VMware Production (24x7) Support and Subscription
Enterprise Plus	VMware vSphere* 4 Enterprise Plus for 1 Processor (Max 12 cores per CPU) with 1 year VMware Basic (12x5) Support and Subscription with 1 year VMware Production (24x7) Support and Subscription
VMware vCenter* Server Standard for vSphere	VMware vCenter* Server 4 Standard for vSphere* (Includes Orchestrator and Linked Mode), Management console required for Advanced, Standard and Enterprise Plus SKUs with 1 year VMware Basic (12x5) Support and Subscription with 1 year VMware Production (24x7) Support and Subscription

VMware vSphere* and VMware vCenter* – Order Codes:

Product Code	UPC	MM	Description	Minimum Order Quantity
VMW4ESS	7 35858 21272 4	904791	Paper certificate containing software license activation code 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	Paper certificate containing software license activation code for VMware vSphere* 4 Essentials Plus Bundle for 3 hosts (Max 2 CPUs per host and 6 cores per CPU) with 1 year VMware Basic (formerly Gold) Support and Subscription.	1
VMW4ESSPLUSP	7 35858 21512 1	908061	Paper certificate containing software license activation code for VMware vSphere* 4 Essentials Plus Bundle for 3 hosts (Max 2 CPUs per host and 6 cores per CPU) with 1 year VMware Production Support and Subscription.	1

VMW4STD	7 35858 21274 8	904793	Paper certificate containing software license activation code for VMware vSphere* 4 Standard for 1 Processor (Max 6 cores per CPU) with 1 year VMware Basic (formerly Gold) Support and Subscription.	1
VMW4STDP	7 35858 21513 8	908062	Paper certificate containing software license activation code for VMware vSphere* 4 Standard for 1 Processor (Max 6 cores per CPU) with 1 year VMware Production Support and Subscription.	1
VMW4ADV	7 35858 21275 5	904797	Paper certificate containing software license activation code for VMware vSphere* 4 Advanced for 1 Processor (Max 12 cores per CPU) with 1 year VMware Basic (formerly Gold) Support and Subscription.	1
VMW4ADVP	7 35858 21514 5	908063	Paper certificate containing software license activation code for VMware vSphere* 4 Advanced for 1 Processor (Max 12 cores per CPU) with 1 year VMware Production Support and Subscription.	1
VMW4ENTPLUS	7 35858 21276 2	904800	Paper certificate containing software license activation code for VMware vSphere* 4 Enterprise Plus for 1 Processor (Max 12 cores per CPU) with 1 year VMware Basic (formerly Gold) Support and Subscription.	1
VMW4ENTPLUSP	7 35858 21511 4	908064	Paper certificate containing software license activation code for VMware vSphere* 4 Enterprise Plus for 1 Processor (Max 12 cores per CPU) with 1 year VMware Production Support and Subscription.	1
VMWVCSTD	7 35858 21277 9	904801	Paper certificate containing software license activation code for VMware vCenter* Server 4 Standard (includes Orchestrator and Linked Mode) with 1 year VMware Basic (formerly Gold) Support and Subscription.	1
VMWVCSTDP	7 35858 21515 2	908065	Paper certificate containing software license activation code for VMware vCenter* Server 4 Standard (includes Orchestrator and Linked Mode) with 1 year VMware Production Support and Subscription.	1

2.7 Symantec Backup Exec 2010 SKUs

Each SKU contains a paper certificate with a Voucher key code. As directed on the certificate under “Frequently Asked Questions”, the end user must go to the Symantec licensing portal at <http://licensing.Symantec.com> to redeem their Voucher key. A Sales Order Number is also on the certificate and required for redemption. Please follow all the steps to obtain serial numbers and register for support.

Symantec Backup Exec 2010 Suites

All SKUs are bundled with 1 year Symantec Essentials (24x7) support.

Symantec Backup Exec 2010	Provides an all-in-one solution for small offices to consolidate and manage many application workloads while reducing hardware and operating costs with a low up-front investment. <ul style="list-style-type: none"> • One Backup Exec Server (per server)
Symantec Backup Exec 2010 for Windows Small Business Server	The perfect data protection solution for Microsoft* Windows Small Business Server Standard and Premium editions. This robust solution provides integrated deduplication, granular restore features, open file protection, disaster recovery and backup protection for Microsoft Exchange, SharePoint Services, SQL and Windows workstations. <ul style="list-style-type: none"> • One Backup Exec for Windows Small Business Server (per server) • One Agent for Microsoft Exchange server • One Agent for Microsoft SQL Server • One Agent for Microsoft Exchange Server • One Agent for Microsoft SharePoint Server • Desktop/laptop option (up to 75) • System Recovery for one Windows server • System Recovery for one Windows Small Business server
Symantec Backup Exec 2010 Microsoft Exchange Suite	Provides complete protection for your business-critical email server running Microsoft Exchange. <ul style="list-style-type: none"> • One Backup Exec Server (per server) • One Agent for Microsoft* Exchange Server (per server)
Symantec Backup Exec 2010 Microsoft SQL Suite	Provides complete protection for a business-critical transactional server running Microsoft SQL <ul style="list-style-type: none"> • One Backup Exec Server (per server) • One Agent for Microsoft* SQL Server (per server)
Symantec Backup Exec 2010 Multi-Server Suite	Provides a Remote Agent, Continuous Protection Agent capabilities, and also includes the Advanced Open File Option and Intelligent Disaster Recovery Option. <ul style="list-style-type: none"> • One Backup Exec Server (per server) • Three Agents for Microsoft* Windows Systems (per server)
Symantec Backup Exec 2010 VMware Infrastructure Suite	Backup for an unlimited number of guests running on VMware* virtualization environments on one physical server. <ul style="list-style-type: none"> • One Backup Exec Server (per server) • One Agent for VMware Virtual Infrastructure* (per server)
Symantec Backup Exec 2010 Microsoft Hyper-V Suite	Backup for an unlimited number of guests running on Microsoft Hyper-V* on one physical server. <ul style="list-style-type: none"> • One Backup Exec Server (per server) • One Agent for Microsoft Hyper-V (per server)
Symantec Backup Exec 2010 Multi-Server Deduplication Suite	Backup for four Windows Servers, including deduplication option <ul style="list-style-type: none"> • One Backup Exec Server (per server) • Three Agents for Microsoft Windows Systems (per server) • One Option for Deduplication (per server)
Symantec Backup Exec 2010 Exchange Deduplication and Archiving Suite	Backup for one Windows Server with Microsoft Exchange, including deduplication and archiving options: <ul style="list-style-type: none"> • One Backup Exec Server (per server) • One Agent for Microsoft Exchange Server (per server)

- One Option for Deduplication (per server)
- One Option for Microsoft Exchange Mailbox Archiving (up to 10 mailboxes)

Symantec Backup Exec 2010 – Order Codes:

Product Code	UPC	MM	Description	Minimum Order Quantity
SYMCBE	7 35858 21992 1	911526	Paper certificate containing voucher key for one Backup Exec Media Server license with 1 year Symantec Essentials 24x7 Support.	1
SYMCBESBS	7 35858 21996 9	911532	Paper certificate containing voucher key for one Backup Exec for Windows* Small Business Server (SBS), agent for Microsoft Exchange, agent for Microsoft SQL, agent for Microsoft Sharepoint, agent for Windows systems (1 license), Desktop and Laptop option (up to 75 licenses), and Backup Exec System Recovery 2010 (1 license for server and SBS server) with 1 year Symantec Essentials 24x7 Support.	1
SYMCBE3WIN	7 35858 21993 8	911554	Paper certificate containing voucher key for one Backup Exec Media Server license and three Agent for Windows Systems with 1 year Symantec Essentials 24x7 Support.	1
SYMCBEEXC	7 35858 21994 5	911533	Paper certificate containing voucher key for one Backup Exec Media Server license and agent for Microsoft Exchange Server 2003, 2007 and, 2010 SP1 with 1 year Symantec Essentials 24x7 Support.	1
SYMCBESQL	7 35858 21997 6	911534	Paper certificate containing voucher key for one Backup Exec Media Server license and agent for Microsoft SQL Server 2008 R2, 2005, and 2000 users with granular protection on 32- and 64-bit systems down to the individual database or file group with 1 year Symantec Essentials 24x7 Support.	1
SYMCBEVMW	7 35858 21998 3	911536	Paper certificate containing voucher key for one Backup Exec Media Server	1

			license and one Backup Exec 2010 Agent for VMware Virtual Infrastructures with 1 year Symantec Essentials 24x7 Support.	
SYMCBEHYP	7 35858 21995 2	911543	Paper certificate containing voucher key for one Backup Exec Media Server license and one Backup Exec 2010 Agent for Microsoft Hyper-V license with 1 year Symantec Essentials 24x7 Support.	1
SYMCDEDUP	7 35858 21999 0	911544	Paper certificate containing voucher key for one Backup Exec Media Server license, three Agent for Windows Systems, and one Deduplication Option license which will support your entire media server environment with 1 year Symantec Essentials 24x7 Support.	1
SYMCDEDUPA	7 35858 22000 2	911545	Paper certificate containing voucher key for one Backup Exec Media Server license, one Deduplication Option license, one Exchange Archive option (10 pack), and one Agent for Exchange with 1 year Symantec Essentials 24x7 Support.	1