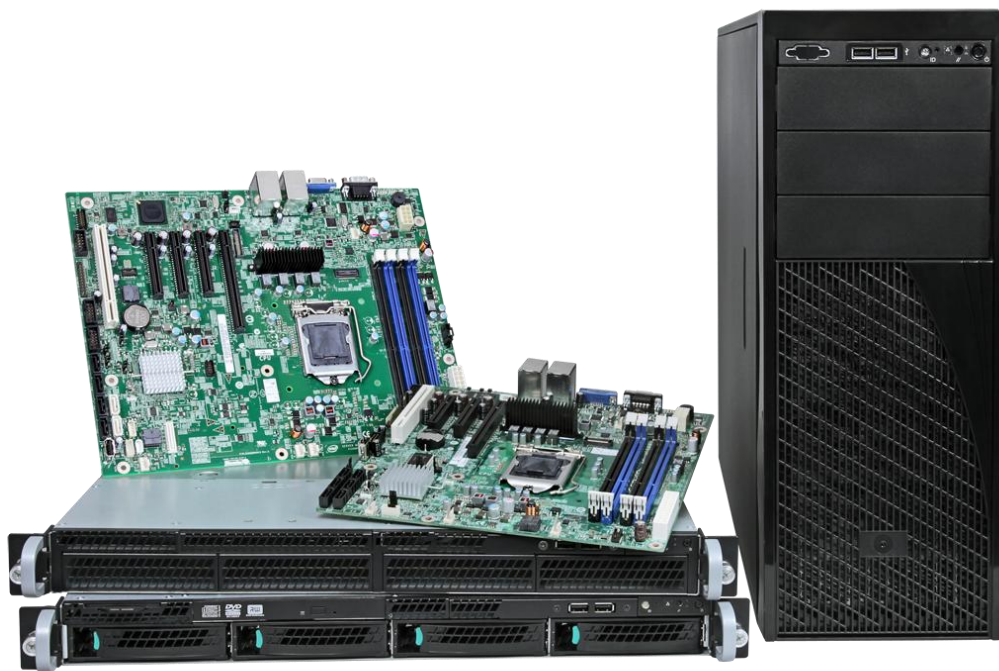# Intel® Server Systems R1304BT, Intel® Server Systems P4304BT, Intel® Server Boards S1200BT, and Intel Server Chassis P4304

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 2.2

June 2011

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.

Table of Contents:

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® processor E3-1200 series or Intel® Core™ processor i3-2100 series is offered as two SKUs:

1. **Intel® Server Board S1200BTL** – ATX form factor motherboard based on Intel® C204 chipset with the following features:

    - 4 DDR3(1066/1333MHz) ECC UDIMM sockets (Unbuffered)
    - 5 Slots:

        - 1x PCI Express 2.0 x8 slot (x16 mechanical)
        - 3x PCI Express 2.0 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® processor E3 1200 series/ Intel® Core® processor i3-2100 series

2. **Intel® Server Board S1200BTS** - uATX form factor motherboard based on Intel C202 chipset with the following features:

    - 4 DDR3(1066/1333MHz) ECC UDIMM sockets (Unbuffered)
    - 4 Slots:
        - 1x PCI Express 2.0 x8 slot (x16 mechanical)
        - 1x PCI Express 2.0 x8 slot (x8 mechanical)
        - 1x PCI Express 2.0 x4 slot (x8 mechanical)
        - 1x 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 AXXRAKSW5 as optional RAID accessory

    - Compatible with Intel® Xeon® processor E3 1200 series/ Intel® Core® processor i3-2100 series

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

1. **Intel$^®$ Server System R1304BTLSFAN (Integrated SKU)**. Intel Server Board S1200BTL integrated into 1U rack chassis with 4 x Fixed HDD Carriers, and a 250W non-redundant power supply.

2. **Intel$^®$ Server System R1304BTLSHBN (Integrated SKU)**. Intel Server Board S1200BTL integrated into 1U rack chassis with 4 x Hot Swap HDD Carriers, and a 350W non-redundant power supply.

3. **Intel$^®$ Server System R1304BTSSFAN (Integrated SKU).)**. Intel Server Board S1200BTS 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 P4304BTLSFCN (Integrated SKU)**. Intel Server Board S1200BTL integrated into a pedestal chassis with 4 x Fixed (3.5") HDD Carriers, and a 365W non-redundant power supply.

2. **Intel$^®$ Server System P4304BTLSHCN (Integrated SKU)**. Intel Server Board S1200BTL 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 P4304BTSSFCN (Integrated SKU).** Intel Server Board S1200BTS 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
	S1200BTL 911776 00735858219204 5032037013666	Intel® **Server Board S1200BTL** with Intel® C204 chipset 4 DDR3 UDIMM sockets (Unbuffered) 2 channel native (1066/1333MHz) Slots: 1x PCI Express 2.0 x8 slot (x16 mechanical) 3x PCI Express 2.0 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® processor E3 1200 series/ Intel® Core® processor i3-2100 series Box also includes the following items: • ATX I/O shield • Cables: 2 SATA HDD cables • RoHS Declaration Documentation • Attention Document • Quick Start Guide • Quick Config Label • Resource CD with utilities, drivers, documentation and technical information • Intel System Management Software CD	1

	S1200BTS 911786 00735858219419 5032037013680	**Intel® Server Board S1200BTS** with Intel® C202 chipset 4 DDR3 UDIMM sockets (Unbuffered) 2 channel native (1066/1333MHz) Slots: One PCI Express 2.0 x8 slot (x16 mechanical) One PCI Express 2.0 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 AXXRAKSW5 as optional RAID accessory • Compatible with Intel® Xeon® processor E3 1200 series/ Intel® Core®i3® processors Box also includes the following items: • ATX I/O shield • Cables: 2 SATA HDD cables • RoHS Declaration Documentation • Attention Document • Quick Start Guide • Quick Config Label • Resource CD with utilities, drivers, documentation and technical information	1
	BBS1200BTL 911645 00735858219181 5032037013628	**Intel® Server Board S1200BTL** with Intel® C204 chipset. (shipped in bulk pack of 10) (Intended for large OEM customers)	10
	BBS1200BTS 911649 00735858219396 5032037013635	**Intel® Server Board S1200BTS** with Intel® C202 chipset. (shipped in bulk pack of 10) (Intended for large OEM customers)	10

	DBS1200BTL 911797 00735858219198 5032037013642	**Intel® Server Board S1200BTL** with Intel® C204 chipset. Disti 5 pack – (5 single pack server boards in a disti overpack box)	5
	DBS1200BTS 911808 00735858219402 5032037013659	**Intel® Server Board S1200BTS** with Intel® C202 chipset. Disti 5 pack – (5 single pack server boards in a disti overpack box)	5
	SVCEWUPBD 911292	**Intel® Server Component Extended Warranty** Extended Warranty SKU for S1200BTL and S1200BTS Extends Warranty from 3 years to 5 years	1
	R1304BTLSHBN 911688 00735858219532 5032037017008	**Intel® Server System R1304BTLSHBN** **Includes:** • Intel® Server Board S1200BTL 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 2.0 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 CD with utilities, drivers, documentation and technical information • Intel System Management Software CD • 2 chassis front handles in the box (ears)	1
	R1304BTLSHBNNA 907658 00735858219860 5032037017015	**Intel® Server System R1304BTLSHBNNA** **Includes:** • **Intel® Server System R1304BTLSHBN (includes contents listed above)** • N American Power Cord	1

	R1304BTLSFAN 911698 00735858219549 5032037016971	**Intel® Server System R1304BTLSFAN** **Includes:** • Intel® Server Board S1200BTL 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 • 1 cable for Optical drive bay • 1 processor heatsink • Documentation (Quick Start Guide, Quick Reference label, Attn Doc, RoHS Declaration) • Resource CD with utilities, drivers, documentation and technical information • Intel System Management Software CD • 2 chassis front handles in the box (ears)	1
	R1304BTLSFANNA 907775 00735858219570 5032037016988	**Intel® Server System R1304BTLSFANNA** **Includes:** • **Intel® Server System R1304BTLSFAN** • N American Power Cord	1
	R1304BTSSFAN 911709 00735858219556 5032037017039	**Intel® Server System R1304BTSSFAN** **Includes:** • Intel® Server Board S1200BTS 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 CD with utilities, drivers, documentation and technical information • 2 chassis front handles in the box (ears)	1

	R1304BTSSFANNA 907569 00735858219563 5032037017046	**Intel® Server System R1304BTSSFANNA** **Includes:** • **Intel® Server System R1304BTSSFAN (includes contents listed above)** • N. American Power Cord	1
	P4304BTLSHCN 912775 00735858219372 5032037016896	**Intel® Server System P4304BTLSHCN** **Includes:** • Intel® Server Board S1200BTL 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 CD with utilities, drivers, documentation and technical information • Intel System Management Software CD *Note: No heatsink included	1
	P4304BTLSHCNNA 907886 00735858220040 5032037016919	**Intel® Server System P4304BTLSHCN** **Includes:** • **Intel® Server System P4304BTLSHCN (includes contents listed above)** • N. American Power Cord	1
	P4304BTLSFCN 912776 00735858219389 5032037016872	**Intel® Server System P4304BTLSFCN** **Includes:** • Intel® Server Board S1200BTL 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 CD with utilities, drivers, documentation and	1

		technical information • Intel System Management Software CD	
	P4304BTLSFCNNA 908252 00735858220057 5032037016889	**Intel® Server System P4304BTLSHCNNA** **Includes:** • **Intel® Server System P4304BTLSFCN (includes contents listed above)** • N. American Power Cord	1
	P4304BTSSFCN 912777 00735858219426 5032037016902	**Intel® Server System P4304BTSSFCN** **Includes:** • Intel® Server Board S1200BTS 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 CD with utilities, drivers, documentation and technical information	1
	P4304BTSSFCNNA 908785 00735858220057 5032037016926	**Intel® Server System P4304BTSSFCNNA** **Includes:** • **Intel® Server System P4304BTSSFCN (includes contents listed above)** • N. American Power Cord	1

	P4304XXSFCN 911754 00735858219358 5032037016933	**Intel® Server Chassis P4304XXSFCN** (Entry Pedestal Chassis w/ 4 Fixed HDD sleds, 365W non-redundant power supply)	1
	P4304XXSFCNNA 907811 00735858220019 5032037019262	**Intel® Server Chassis P4304XXSFCN** (Entry Pedestal Chassis w/ 4 Fixed HDD sleds, 365W non-redundant power supply) • N. American Power Cord	1
	P4304XXSHCN 911765 00735858219365 5032037016940	**Intel® Server Chassis P4304XXSHCN** (Entry Pedestal Chassis w/ 4 x Hot Swap (3.5") HDD Drive Kit, 365W non-redundant power supply)	1
	P4304XXSHCNNA 907812 00735858220026 5032037016957	**Intel® Server Chassis P4304XXSHCN** (Entry Pedestal Chassis w/4 x Hot Swap (3.5") HDD Drive Kit, 365W non-redundant power supply) • N. American Power Cord	1

| | SVCEWUPSY 911293 | **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: R1304BTLSFAN, R1304BTLSFANNA, R1304BTLSHBN, R1304BTLSHBNNA, R1304BTSSFAN, R1304BTSSFANNA, P4304BTLSFCN, P4304BTLSFCNNA, P4304BTLSHCN, P4304BTLSHCNNA, P4304BTSSFCN, P4304BTSSFCNNA, P4304XXSFCN, P4304XXSFCNNA, P4304XXSHCN, P4304XXSHCNNA, | |

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 S1200BTL, and S1200BTS)	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

Image	Product Code MM UPC	Description	
	AXXRMM4 911670 00735858219303 5032037014922	**Intel® Remote Management Module RMM4** – Remote KVM upgrade with Dedicated NIC Module	1
	AXXTPME3 912429 00735858219310 5032037015196	**Intel® TPM Trusted Platform Module**	1

2.3   System Spares and Accessories

Image	Product Code MM UPC	Description	Minimum Order Quantity
	AXXVRAIL 912796 00735858219693 5032037015202	Value Rail Kit Works for 438mm wide Intel 1U/2U Rack Chassis (R1300, R1200, R2200, 2300)	1
	FXXFPANEL 915982 00735858222419 5032037018968	Front Panel board spare for use on all 1U/2U (R1300, R1200, R2200, 2300) Rack chassis and P4300 Pedestal Chassis	1
Image not yet available	FR1304MSK 912802 00735858219723 5032037015790	Mechanical Spares Kit for R1304 Rack Chassis	1
Image not yet available	FR1304ESK 912803 00735858219730 5032037015776	Electrical Spares Kit for R1304 Rack Chassis	1
Image not yet available	FUP4X35HSDK 911885 00735858219440 5032037016230	Hot Swap Drive Bay Kit for P4304 Pedestal Chassis - Content List	1
	FXX35HSADPB 912771 00735858219495 5032037016391	3.5" HDD Hot Swap carrier spares for either R1304, R2300, or P4300 chassis	8
	FUPBEZELFIX 911886 00735858219457 5032037016254	Pedestal Bezel (Fixed version) (fits P4304)	1

	FUPBEZELHSD 911896 00735858219464 5032037016261	Pedestal Bezel (w/door for HS bays) (fits P4304 with HS drive bays installed)	1
	FUP4X35NHDK 912770 00735858219488 5032037016247	Fixed drive carrier for fixed Pedestal chassis (Fits P4304)	4
Image not yet available	FUPSMSK 912773 00735858219518 5032037016292	Pedestal Mechanical Spares Kit for P4304 Pedestal Chassis	1
Image not yet available	FUPSESK 912774 00735858219525 5032037016285	Pedestal Electrical Spares Kit for P4304 Pedestal Chassis	1
	FUP4X35HSBP 913595 00735858220033 5032037019279	4 x 3.5" hard drive Hot Swap Backplane spare for P4304 Pedestal chassis	1
	AXXSATADVDROM 906872 00735858197663	Slimline SATA DVDROM Accessory	1
	AXXSATADVDRWROM 906873 00735858197670	Slim SATA DVD+/-RW ROM Accessory	1
	FPWRCABLENA 879287 00735858181129	North American Power Cord Spare	1
	FR1000FAN 912799 00735858219709 5032037015745	R1000 Chassis Family Fan spare kit. 28mm x 40mm for R1304 UP Rack system	3
	FXX1304HSBP 917420 00735858223126 5032037019323	Hot Swap Backplane spare for R1304 1U chassis	1
	AXXTIO 901685 00735858207683	I/O Shield for Intel® Server Boards S1200BTL and S1200BTS and S3420GPLX.	50

Image	Product Code MM UPC	Description	Minimum Order Quantity
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
	AR1000FHR 911681 00735858219341 5032037013871	1 slot PCI-e Riser. Riser provides: 1 full-size x8 physical x8 electrical slot	5

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	1

			and Subscription.	
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. • 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. • 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. • 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 • 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. • 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. • 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. • 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 • 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: • 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 license and one Backup Exec 2010 Agent for VMware Virtual Infrastructures with 1 year Symantec Essentials 24x7 Support.	1
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