Intel® Server Board S1400FP
Intel® Server Chassis P4000 and R2000
Spares/Accessories List and
Configuration Guide

A reference guide to assist customers in ordering the necessary components to configure the Intel® Server Family S1400FP.

Revision 1.0

July 2012

Enterprise Platforms and Services Marketing

Revision History

Table of Contents:

1.   System Product Order Codes

1.1   Product Descriptions – Overview

Product based on the Intel® Server Board S1400FP will be offered as both standard box board, OEM 10-pack board and system.

1.2   Available board SKUs for S1400FP family
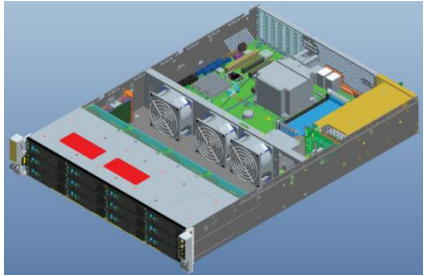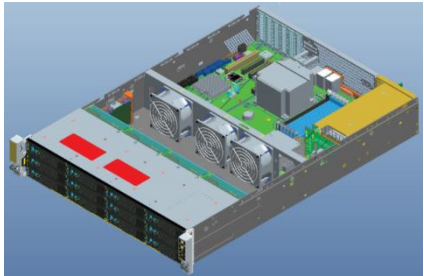
Image	Product Code MM UPC EAN	Description	M O Q
	DBS1400FP2 920570 00735858246668 5032037041126	Intel® production Server Board DBS1400FP2 (Freemont Pass single pack) - 12'' (W) x 9.5'' (L) - 6 U/R-DIMMs of DDR3/DDR3L - Up to 8 SAS ports (with -D/-T key) and 6 additional SATA ports - Dual GbE - Compatible with Intel® Xeon® processor E5-2400 series. - I/O shield - 2 SATA cables - Intel® Multi-Server Manager Software - Quick Start Guide	5
	DBS1400FP4 920571 00735858246675 5032037041133	Intel® production Server Board DBS1400FP4 (Freemont Pass single pack) - 12'' (W) x 9.5'' (L) - 6 U/R-DIMMs of DDR3/DDR3L - Up to 8 SAS ports (with -D/-T key) and 6 additional SATA ports - Quad GbE - Compatible with Intel® Xeon® processor E5-2400 series. - I/O shield - 2 SATA cables - Intel® Multi-Server Manager Software - Quick Start Guide	5
	DBS1400FP2IOC 923069	Intel® production Server Board DBS1400FP2IOC (Freemont Pass single pack) - 12'' (W) x 9.5'' (L) - 6 U/R-DIMMs of DDR3/DDR3L - Up to 8 SAS ports (with -D/-T key) and 6 additional SATA ports - Dual GbE - Compatible with Intel® Xeon® processor E5-2400 series. - I/O shield - 2 SATA cables - Intel® Multi-Server Manager Software - Quick Start Guide	5

Image	Product Code MM UPC EAN	Description	MOQ
		- One 8-port 6Gb SAS PCIe card RMS25KB080	
	DBS1400FP4IOC 923070	Intel® production Server Board DBS1400FP2IOC (Freemont Pass single pack) - 12'' (W) x 9.5'' (L) - 6 U/R-DIMMs of DDR3/DDR3L - Up to 8 SAS ports (with -D/-T key) and 6 additional SATA ports - Dual GbE - Compatible with Intel® Xeon® processor E5-2400 series. - I/O shield - 2 SATA cables - Intel® Multi-Server Manager Software - Quick Start Guide - One 8-port 6Gb SAS PCIe card RMS25KB080 - One 8-port 6Gb SAS PCIe card RMS25KB080	5

1.3   S1400FP BIK SKUs

EPSD Romley 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 Romley products.

Image	Product Code MM UPC EAN	Description	MOQ
	P4304FP2SFCN 920574 00735858246682 5032037041140	S1400FP2 in P4000 chassis w/ Fixed PSU and Fixed HDD - One S1400FP2 baseboard, - 4x3.5" Fixed HDD bay, - one 365W Fixed PSU, - non-redundant fans, - one heatsink, - one air duct, - one P4000 21.5" depth pedestal chassis	1
	P4304FP2SHDR 920575 00735858246699 5032037041157	S1400FP2 in P4000 chassis w/ Hotswap PSU and Hotswap HDD - One S1400FP2 baseboard, - 4x3.5" Hotswap HDD cage, - two 460W Redundant PSUs, - non-redundant fans, - one heatsink, - one air duct, - one P4000 21.5" depth pedestal chassis	1

Image		Description	
	R2312FP2MHDR *Available in Q4'12*	S1400FP2 in R2000 chassis w/ Hotswap PSU and Hotswap HDD - One S1400FP2 baseboard, - 12x3.5" Hotswap HDD cage, - two 460W Redundant PSUs, - non-redundant fans, - one heatsink, - one air duct - one R2000 24.75" depth rack chassis - One rail kit	1
	R2312FP4MHDR *Available in Q4'12*	S1400FP4 in R2000 chassis w/ Hotswap PSU and Hotswap HDD - One S1400FP4 baseboard, - 12x3.5" Hotswap HDD cage, - two 460W Redundant PSUs, - non-redundant fans, - one heatsink, - one air duct - one R2000 24.75" depth rack chassis - One rail kit	1

1.4 P4000S Chassis SKUs

- Please be noted the production P4000 *chassis* doesn't include any airduct or heatsink. You need to order airduct and heatsink separately. The airduct and heatsink info can be found in accessory list below.

	S1200BTL	S1200BTS	*S1400FP*	S2400SC	S2400EP	S2400GP	S2600CP	S2600CO	S2600IP	S2600CR
P4000S	X	X	*X*	X						
P4000M				X		X	X	X		
P4000L									X	
P4000L-WS										X

Image	Product Code MM UPC EAN	Description

	MOQ	
	P4304XXSFEN 916306 00735858244138 5032037038768 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB form factor server boards with 3.5" Fixed HDDs, 1x 550W Fixed Power Supply and non-Redundant Cooling Includes: 4x 3.5" Fixed Drive Carriers, 550W Fixed Power Supply (Silver Efficiency), 2x 92mm 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.
	P4304XXSHEN 916304 00735858244121 5032037038751 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB 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 92mm 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.
	P4304XXSFDR 916302 00735858244114 5032037038744 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB form factor server boards with 3.5" Fixed HDDs, 460W Cold-Redundant Power Supplies and non-Redundant Cooling Includes: 4x 3.5" Fixed Drive Carriers, 2x 460W Common Redundant Power Supply (Platinum Efficiency), 2x 92mm 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.

	P4304XXSHDR 916171 00735858244107 5032037038737 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB form factor server boards with 3.5" Hot-Swap HDDs, 460W Cold-Redundant Power Supplies and non-Redundant Cooling Includes: 4x 3.5" Hot-Swap Drive Carriers, 2x 460W Common Redundant Power Supply (Platinum Efficiency), 2x 92mm 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.
	P4304XXSFDN 916303 00735858244664 5032037039239 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB form factor server boards with 3.5" Fixed HDDs, Single 460W Cold-Redundant Power Supply and non-Redundant Cooling Includes: 4x 3.5" Fixed Drive Carriers, 1x 460W Common Redundant Power Supply (Platinum Efficiency), 2x 92mm 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.
	P4304XXSHDN 916301 00735858244671 5032037039246 1	A general purpose pedestal chassis targeted at small to medium business supporting CEB form factor server boards with 3.5" Hot-Swap HDDs, single 460W Cold-Redundant Power Supply and non-Redundant Cooling Includes: 4x 3.5" Hot-Swap Drive Carriers, 1x 460W Common Redundant Power Supply (Platinum Efficiency), 2x 92mm 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.

2. Spares and Accessories Order Codes

2.1 S1400FP Dedicated spare and accessories

Image	Product Code MM UPC EAN	Description	M O Q
	BXSTS100C 900491 00735858205153 5032037009119	Box processor standard heat sink	1
	AXXCA90X902UHS 919883 00735858242875 5032037037570	Passive Cu-Al heatsink optimized for S2400SC, S2400GP, S1400FP in P4000 chassis	2
	FFPUPSAD 921665 00735858247955 5032037042833	Accessory – dedicated air duct for S1400FP in P4000 Short chassis. As accessory for KDK or as spare for Freemont Pass BIK.	1

2.2 Compatible Riser Options

The risers below are compatible with Intel® Server Board S2600CP2 and S2600CP4 when used in PCIe slot 6 and in 3rd party rack chassis. Users may need to develop mounting mechanics to fit their own chassis.
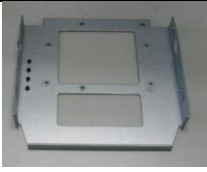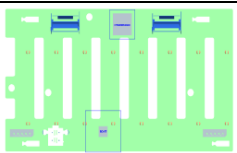
Image	Product Code MM UPC	Description
Image not yet available	AXX1UPCIEX16 919808 00735858244534 50320370391091	1U PCIe x16 riser, 1slot, x16 electrical/x16 mechanical Available in early Q2'2012
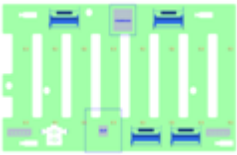
2.3 General Spares and Accessories

Image	Product Code MM UPC EAN MOQ	Description

	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 Q2 2012
	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 50320370306701	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, I2C cable, ID filler panels, and power adaptor cable accessory
	FXX35HSADPB 912771 00735858219495 50320370163918	3.5" HDD Hot Swap Drive Carrier spares for either R1300, R2300, or P4300 chassis families
	FXX25HSCAR 918807 00735858241182 50320370359108	2.5" HDD Hot Swap Drive Carrier spares for either R1200, R2200, or P4200 chassis families
	FUPBEZELFIX 911886 00735858219457 50320370162541	Bezel spare for P4000 server chassis with fixed drives (no door)
	FUPBEZELHSD 911896 00735858219464 50320370162611	Bezel spare for P4000 server chassis with Hot Swap HDDs (w/door for HS bays) (fits P4304, P4308, P4208, and P4216 with HS drive bays installed)
	AUPBEZEL4UF 915636 00735858235976 50320370307311	Rack bezel kit for converting P4000 pedestal server chassis to rack chassis Includes: bezel frame, and 2 rack handles
	AUPBEZEL4UD 915637 00735858235983 50320370307481	Rack bezel accessory for P4000M/P4000L/P4000L-WS chassis in rack configuration - security door only

	FUP4X35NHDK 912770 00735858219488 50320370162474	Fixed Drive Carrier spare for P4300 server chassis (compatible with 2.5" HDDs/SSDs)
Image not yet available	FUPSMSK 912773 00735858219518 50320370162921	Chassis Maintenance kit for P4000S server chassis (Mechanical Spares Kit) Includes mechanical parts – including: • IO Bracket (without knockouts) • IO Bracket (w/USB and D Sub knockout) • Baseboard Insulators – uATX & ATX • BBU Bracket • Intrusion Switch Bracket • CDROM Filler Panel • ODD latch w/2 screws • Rack Handles (set) • Fan Holder Assembly • CPU Ducts • Air Dams
	FUPSESK 912774 00735858219525 50320370162851	Chassis Maintenance kit for P4000S (Electrical Spare Kit) Includes: • Front Panel Cable • Dual USB Cable • (4) SATA HDD Cables • SATA ODD Cable • SGPIO Cable • I2C Cable • SATA Power Adaptor Cable
Image not yet available	AXX2IOS 919757 735858239264 5032037034036 50	I/O Shield accessory for Intel® S2600CP2, S2400GP2, and S2400SC2 Server Boards
Image not yet available	AXX4IOS 919758 00735858238939 5032037033718 50	I/O Shield accessory for Intel® S2600CP4, S2600IP4, and S2400GP4 Server Boards
	FUP4X35HSBP 913595 00735858220033 50320370192791	3.5" Hot Swap Backplane spare (for P4304 server chassis) Includes: 3.5" backplane board
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 5032037035736	Spare 8x2.5" Hot Swap Backplane for use with R2200, and P4200 Chassis families Includes: (1) 8x2.5" backplane board

Image	Product Code MM UPC EAN MOQ	Description
	1	
	FXX8X25DPBP 917974 735858240994 5032037035743 1	Spare 8x2.5" Dual Port Hot Swap Backplane for use with R2200, and P4200 Chassis families Includes: (1) 8x2.5" backplane board, dual port
	FPWRCABLENA 879287 00735858181129 1	North American Power Cord Spare
	FUPSNHFANE5 915617 00735858236096 5032037030878 1	Fan spare for P4000S server chassis used with S2400SC CEB boards Includes; (1) 92x32mm fan

2.4   Power Sub-system Spares

Image	Product Code MM UPC EAN MOQ	Description
	FUP365SNRPS 911884 00735858219433 5032037016223 1	P4304 365W non-redundant Power Supply Spare (80 Plus Silver)
	FXX460GCRPS 915603 00735858235846 5032037030595 1	460W Cold Redundant Power Supply spare 80Plus Gold 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
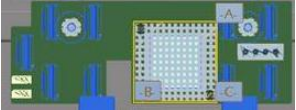
Image For illustration only, not to scale.	Product Code MM UPC EAN MOQ	Description
	FUPCRPSCAGE 915607 00735858235891 50320370306561	Common Pedestal CRPS PSU cage assembly (cage, adaptor bracket, screws, supporting bulkhead, 1x blank filler)
	FUPPDBLC 916812 00735858238731 50320370335101	Power Distribution Board Spare (Low Current) for P4000 server chassis. Recommend to use with FXX460GCRPS or FXX750PCRPS power supplies.

2.5 Drive/storage subsystem spares and accessories

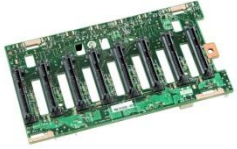| Image For illustration only, not to scale.	Product Code MM UPC EAN MOQ	Description
	FUP8X35HSBP 916353 735858222792 50320370334801	Spare 8x3.5" Hot Swap Backplane for use with P4000 server chassis Includes: (1) 8x3.5" backplane board
	FXX8X25HSBP 917973 735858240987 50320370357361	8x2.5" hot swap HSBP spare (for R2200, and P4200 Chassis families)
	FXX8X25DPBP 917974 735858240994 50320370357431	Spare 8x2.5" Dual Port Hot Swap Backplane for use with P4200 chassis.
	FUP4X35HSDK 911885 00735858219440 50320370162301	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 50320370306631	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 50320370306701	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, I2C cable, ID filler panels, and power adaptor cable accessory
	FXX35HSADPB 912771 00735858219495 50320370163918	3.5" HDD Hot Swap Drive Carrier spares for P4300 chassis families
	FXX25HSCAR 918807 00735858241182 50320370359101	2.5" HDD Hot Swap Drive Carrier spares for P4200 chassis families
	FUP4X35NHDK 912770 00735858219488 50320370162474	Fixed Drive Carrier spare for P4300 server chassis (compatible with 2.5" HDDs/SSDs)
	RKSATA4R5 916346 735858238861 50320370336405	Patsburg-A SATA SW LSI RAID 5 Key, Black
	RKSATA8 916347 735858238878 50320370336575	8port SATA Key, Blue
	RKSATA8R5 916348 735858238885 50320370336645	8port SATA with LSI SW RAID 5 Key, White
	RKSAS4 916349 735858238892 50320370336715	4port SAS Key, Green
	RKSAS4R5 916350 735858238908 50320370336885	4port SAS with LSI SW RAID 5 Key, Yellow
	RKSAS8 916351 735858238922 50320370337015	8port SAS Key, Orange
	RKSAS8R5 916352 735858238915 50320370336955	8port SAS with LSI SW RAID 5 Key, Purple

2.6 Expansion modules: Risers, SAS Module, RMM4, TPM

Image For illustration only, not to scale.	Product Code MM UPC EAN MOQ	Description
	RES2CV240 918934 735858241175 5032037035903 **1**	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.
	RES2CV360 918935 735858241168 5032037035897 1	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.
	AXXRMM4LITE 911660 00735858219297 5032037014946 1	Intel® Remote Management Module RMM4LITE - Activation key for advanced management features including remote KVM.
	AXXRMM4 911670 00735858219303 5032037014922 1	Intel® Remote Management Module RMM4 – Activation key for advanced management features including remote KVM plus Dedicated NIC Module.
	AXXTPME5 919737 735858240352 5032037035088 1	Trusted Platform Module for server systems
	RMS25KB080 917089 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
	RMS25KB040 917090 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

Image	Product Code MM UPC	Description
	RMS25PB080 917056 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
	RMS25PB040 917078 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
	RMT3PB080 917079 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
Image not yet available	AXXRMFBU2 919876 735858244541 5032037039116 5	Intel® RAID Maintenance Free Backup Unit
Image not yet available	AXXRSBBU9 914238 735858220286 5032037039567 5	Intel® RAID Smart Battery AXXRSBBU9 provides optional battery backup for mainstream RS25 family RAID products.

2.7 On-site repair and extended warranty

Image	Product Code MM UPC	Description
	SVCORDPSY 916902 1	Intel® On-site repair for two processor Intel® Server Systems.
	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.
	SVCEWDPBD 911294 1	Two year extended warranty for Intel® Server Boards that support two processors.

2.8   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) or with 1 year VMware Production (24x7) Support and Subscription. The Essentials SKU is bundled with 1 year VMware Subscription.

Essentials	VMware vSphere 5 Essentials Bundle for 3 hosts (Max 2 processors per host) and 192 GB vRAM entitlement with 1 year VMware Subscription.
Essentials Plus	VMware vSphere 5 Essentials Plus Bundle for 3 hosts (Max 2 processors per host) and 192 GB vRAM entitlement with 1 year VMware Basic (12x5) Support and Subscription with 1 year VMware Production (24x7) Support and Subscription
Standard	VMware vSphere 5 Standard for 1 processor (with 32 GB vRAM entitlement per processor) with 1 year VMware Basic (12x5) Support and Subscription with 1 year VMware Production (24x7) Support and Subscription
Enterprise	VMware vSphere 5 Enterprise for 1 processor (with 64 GB vRAM entitlement per processor) with 1 year VMware Basic (12x5) Support and Subscription with 1 year VMware Production (24x7) Support and Subscription
Enterprise Plus	VMware vSphere 5 Enterprise Plus for 1 processor (with 96 GB vRAM entitlement per processor) with 1 year VMware Basic (12x5) Support and Subscription with 1 year VMware Production (24x7) Support and Subscription
VMware vCenter* Server Standard for vSphere 5	VMware vCenter Server 5 Standard for vSphere 5 (Per Instance) One instance of vCenter Server is required to centrally manage virtual machines and their hosts and to enable all VMware vSphere features on Standard, Enterprise and Enterprise Plus editions. 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
VMW5ESS	7 35858 22474 1	918769	Paper certificate containing software license activation code for VMware vSphere 5 Essentials Bundle for 3 hosts (Max 2 processors per host) and 192 GB vRAM entitlement with 1 year VMware Subscription.	1
VMW5ESSPLUS	7 35858 22475 8	918774	Paper certificate containing software license activation code VMware vSphere 5 Essentials Plus Bundle for 3 hosts (Max 2 processors per host) and	1

			192 GB vRAM entitlement with 1 year VMware Basic (12x5) Support and Subscription.	
VMW5ESSPLUSP	7 35858 22476 5	918768	Paper certificate containing software license activation code for VMware vSphere 5 Essentials Plus Bundle for 3 hosts (Max 2 processors per host) and 192 GB vRAM entitlement with 1 year VMware Production (24x7) Support and Subscription.	1
VMW5STD	7 35858 22477 2	918773	Paper certificate containing software license activation code for VMware vSphere 5 Standard for 1 processor (with 32 GB vRAM entitlement per processor) with 1 year VMware Basic (12x5) Support and Subscription.	1
VMW5STDP	7 35858 22478 9	918767	Paper certificate containing software license activation code for VMware vSphere 5 Standard for 1 processor (with 32 GB vRAM entitlement per processor) with 1 year VMware Production (24x7) Support and Subscription.	1
VMW5ENT	7 35858 22479 6	918772	Paper certificate containing software license activation code for VMware vSphere 5 Enterprise for 1 processor (with 64 GB vRAM entitlement per processor) with 1 year VMware Basic (12x5) Support and Subscription.	1
VMW5ENTP	7 35858 22484 0	918770	Paper certificate containing software license activation code for VMware vSphere 5 Enterprise for 1 processor (with 64 GB vRAM entitlement per processor) with 1 year VMware Production (24x7) Support and Subscription.	1
VMW5ENTPLUS	7 35858 22480 2	918771	Paper certificate containing software license activation code for VMware vSphere 5 Enterprise Plus for 1 processor (with 96 GB vRAM entitlement per processor) with 1 year VMware Basic (12x5) Support and Subscription.	1
VMW5ENTPLUSP	7 35858 22481 9	918760	Paper certificate containing software license activation code for VMware vSphere 5 Enterprise Plus for 1 processor (with 96 GB vRAM entitlement per processor) with 1 year VMware Production (24x7) Support and Subscription.	1
VMW5VCSTD	7 35858 22482 6	918742	Paper certificate containing software license activation code for VMware vCenter Server 5 Standard for vSphere	1

			5 (Per Instance) with 1 year VMware Basic (12x5) Support and Subscription.	
VMW5VCSTDP	7 35858 22483 3	918759	Paper certificate containing software license activation code for VMware vCenter Server 5 Standard for vSphere 5 (Per Instance) with 1 year VMware Production (24x7) Support and Subscription.	1

2.9 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	Backup for an unlimited number of guests running on Microsoft

Microsoft Hyper-V Suite	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 System Recovery 2011 Editions

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

Symantec System Recovery 2011 Server Edition	• Includes 1 license for Symantec System Recovery 2011 Server Edition • Includes 1 license for Symantec System Recovery 2011 Desktop Edition • Includes 1 license for Granular Restore Option
Symantec System Recovery 2011 Small Business Server Edition	• Includes 1 license for Symantec System Recovery 2011 SBS Server Edition • Includes 1 license for Granular Restore Option
Symantec System Recovery 2011 Desktop Edition	• Includes 1 license for Symantec System Recovery 2011 Desktop Edition

Symantec Backup Exec 2010 and System Recovery 2011 – 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
SYMCSRSE	7 35858 22462 8	918312	Paper certificate containing voucher key for 1 license for Symantec System Recovery 2011 Server Edition, 1 license for Symantec System Recovery 2011 Desktop Edition and 1 license for Granular Restore Option with 1 year Symantec Essentials 24x7 Support.	1
SYMCSRSBS	7 35858 22463 5	918534	Paper certificate containing voucher key for 1 license for Symantec System Recovery 2011 SBS Server Edition and 1 license for Granular Restore Option	

			with 1 year Symantec Essentials 24x7 Support.	
SYMCSRDT	7 35858 22464 2	918535	Paper certificate containing voucher key for 1 license for Symantec System Recovery 2011 Desktop Edition with 1 year Symantec Essentials 24x7 Support.	1