Intel® Modular Server

Spares/Parts List and Configuration Guide

A reference guide to assist customers in ordering the necessary components to configure the Intel Modular Server

Revision 2.7

June, 2012

Enterprise Platforms and Services Marketing

1. Table of Contents

1.	TABLE OF CONTENTS	2
2.	REVISION HISTORY	3
3.	INTEL MODULAR SERVER CONFIGURATION CHART	4
4.	PRODUCTION ORDER CODES	5
5.	MFS2600KI – BOXED AND TRAY PROCESSOR ORDER CODES	7
6.	MFS5520VIR – BOXED PROCESSOR ORDER CODES	8
7.	MFS5520VIR – TRAY PROCESSOR ORDER CODES	9
8.	VMWARE VSPHERE* AND VCENTER* SERVER SKUS	10
9.	SYMANTEC BACKUP EXEC 2010 SKUS	13

Revision History

Mar ‘12	Rev 2.6b	BETA WIP. Added King Island compute module (MFS2600KI), Xeon® E5-2600 SKUs, VMware and Symantec SKUs
Apr ‘12	Rev 2.6c	SILVER WIP. Added silver King Island compute module (MFS2600KISPP)
May ‘12	Rev 2.6d	GOLD WIP. Add On-site Repair and Extended Warranty SKUs, updated VMware SKUs, removed MFCMM, MIDPLANE
Jun ‘12	Rev 2.7	GOLD FINAL. Removed MFS2600KISPP (silver) SKU

INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL® PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT. EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER, AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

Intel products are not intended for use in medical, life saving, life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice.

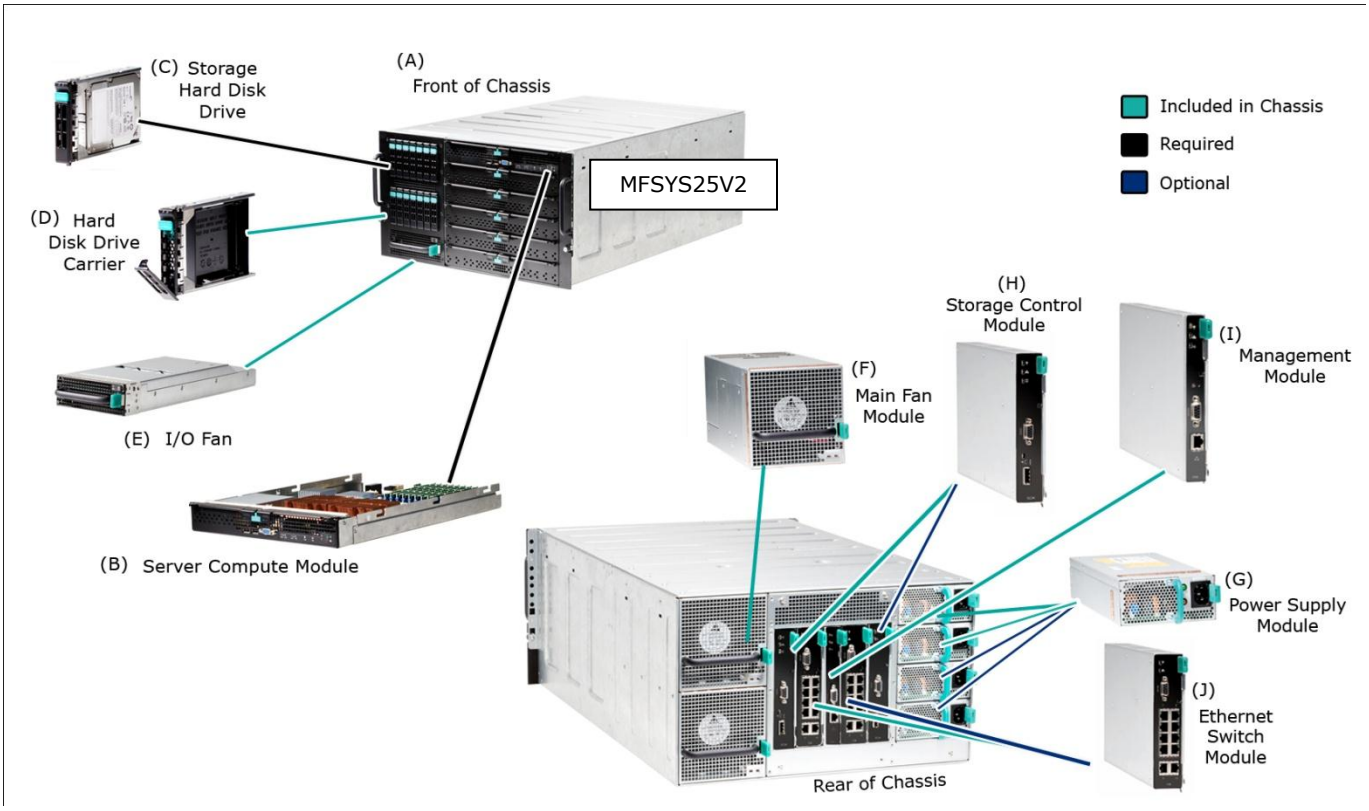
Intel server boards, server chassis, and processors may contain design defects or errors known as errata, which may cause the product to deviate from published specifications. Current characterized errata are available on request.

Intel, Intel Xeon, Pentium, and the Intel logo are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

*Other names and brands may be claimed as the property of others.

Copyright © 2012, Intel Corporation

The Intel® Modular Server Configuration Chart



A) Chassis
- Up to 6 Server Compute Modules

B) Server Compute Module: Required
- MFS2600KI or MFS5520VIR
- Supports multi-core Intel® Xeon® Processors
- Up to 16 DDR3 DIMMs, depending on compute module
- Supports Optional Dual Gigabit Mezzanine expansion card

C) Storage Hard Disk Drive: Required
- Up to fourteen 2.5" SAS drives on MFSYS25V2

D) Hard Disk Drive Carrier:
- 14 are included in MFSYS25V2

E) Hot Swappable I/O Fan Module: Included

F) Hot Swappable Main Fan Module: Included

G) Power Supply Module: 2 Included, 2 Optional
- N + 1 Redundancy

H) Storage Control Module: 1 Included, 1 Optional
- Up to 2 Storage Control Modules for redundancy

I) Management Module: Included

J) Ethernet Switch Module: 1 Included, 1 Optional
- Up to 2 Ethernet Switch Modules
- Each module features 10/100/1000GbE Full Duplex Ports

** Power Supply Notes

- A minimum of one 1000-Watt power supply is required to turn on a compute module
- One power supply will support 1 compute module plus all other modules in the system
- Two power supplies will support up to 3 compute modules (in any slot) plus all other modules in the system
- Three power supplies will support up to 6 compute modules (in any slot) plus all other modules in the system
- Any additional power supplies above minimum required (based on configuration) provides redundancy

Production Product Order Codes

System and Servers

Product Code	MM	Description
MFSYS25V2	910774	**Intel® Modular Server System MFSYS25V2**, chassis with integrated 2.5" shared HDD bay. Contains 5 server blanks, 14 2.5" HDD carriers, main and IO fans, 2 power supplies (2 PSU fans), 1 GbE switch (and 1 blank), 1 storage module with battery backup (and 1 blank), and 1 management module. It will not include any hard drives, compute modules or power cords. *Contains new MFCMM2 & MFMIDPLANE2
MFS5520VIBR	905717	**Intel® Compute Module MFS5520VIR (bulk pack)**, server board in a diskless compute module enclosure. It will include two passive heatsinks but not include CPUs or memory. ***Bulk packs are still ordered as individual units, therefore qty's of 3 must be ordered*.
MFS5520VIR	905716	**Intel® Compute Module MFS5520VIR,** server board in a diskless compute module enclosure. It will include two passive heatsinks but not include CPUs or memory.
MFS2600KI	919955	**Intel® Compute Module MFS2600KI,** server board in a diskless compute module enclosure. Includes two passive heatsinks but no CPUs or memory.
MFS2600KIB	920014	**Intel® Compute Module MFS2600KI (3 Pack)**, server board in a diskless compute module enclosure. Includes two passive heatsinks but no CPUs or memory. ***Bulk packs are still ordered as individual units, therefore qty's of 3 must be ordered*.

Optional Spares & Accessories

Product Code	MM	Description
MFCMM2	910036	**Intel® Management Module MFCMM2**, management module for MFSYS25V2
MFMIDPLANE2	910888	Midplane for MFSYS25V2 chassis which includes SD Flash
AXXSCM3S	891831	**Intel® Storage Controller**, SAS storage module (including battery backup)
AXXSW1GB	891842	**Intel® Gigabit Ethernet Switch**, GB ethernet switch module
AXXPSU	902463	1000Watt Power Supply Module
AXXGBIOMEZ	891844	(Bulk pack) Dual Gigabit Ethernet I/O Expansion Mezzanine Card for MFS5000SI (Qty 3 in box) ***Bulk packs are still ordered as individual units, therefore qty's of 3 must be ordered*.
AXXGBIOMEZV	901362	(Bulk pack) Dual Gigabit Ethernet I/O Expansion Mezzanine Card for MFS5520VIR (Qty 3 in box) ***Bulk packs are still ordered as individual units, therefore qty's of 3 must be ordered*.
AXXMFRAIL	908287	Tool-less Rail kit. Ordering code changed per PCN110223 - 00
AXXTM3SATA	903639	(Bulk pack) 2.5" SATA to SAS Converter Board (Qty 5 in box) ***Bulk packs are still ordered as individual units, therefore qty's of 5 must be ordered*.

Optional Spares & Accessories Cont'd

Product Code	MM	Description
MFSVRT	917138	**Intel® Modular Server Virtualization Manager** - virtualization management and hypervisor integrated into Intel Modular Server GUI, Paper Pack ID key. Supported on the MFSYS25V2 chassis only, and requires MFSLUNKEY. See note at bottom.
MFSLUNKEY	901238	**Intel® Shared LUN** Paper Pack ID Key
MFSLUNCOPY	903085	**Intel® Modular Server Storage Management Pack** (formerly LUN Copier) Paper Pack ID Key
MFSADVMGMT	906993	**Intel® Modular Server Advanced Management Pack** Paper Pack ID Key
MFSCMBBU	892207	Storage Battery back-up spare
MFHDDBAY25	892137	2.5" HDD Bay Module. Kit includes interposer & storage backplane, bezel with 8 screws. No HDD carriers
MFHDDBAY35	892139	3.5" HDD Bay Module. Kit includes interposer & storage backplane, bezel with 8 screws. No HDD carriers. To use MFHDDBAY35 in MFSYS25, new MFIOFAN is required if not using MFSYS25 TA# D91400-008 or greater.
MFPSUFAN	892195	Blank Power Supply Fan module
MFMAINFAN	892170	Main Fan module
MFIOFAN	899168	IO Fan module. When using MFHDDBAY35 in MFSYS25, MM# 899168 is required if not using MFSYS25 with TA# D91400-006 or greater.
FXX25HDDCAR	881681	2.5" hard drive carrier blank – spare. As used on other EPSD systems. MOQ: 10
FPWRCABLENA	879287	Power Cord – North American
FXX10DVCARBLK	880265	3.5" hard drive carrier blank – spare. As used on other EPSD systems. MOQ: 10
SVCORMFSY	916903	Intel® On-site Repair for the Intel(R) Modular Server System. Available in all 50 US states.
SVCEWMFSY	911296	Two year extended warranty for Intel® Modular Server Systems that support two processors. Available in the US, Canada, EU, Switzerland and South Africa.
SVCEWMFCP	911297	Two year extended warranty for Intel® Modular Server Compute Modules. Available in the US, Canada, EU, Switzerland and South Africa.

Note for MFSVRT: The Intel® Modular Server Virtualization Manager key includes a free Intel® Modular Server Software Maintenance key which allows software updates for a period of one year from the date the Virtualization Manager key is initially installed. During this one year period you will be able to install any available product software updates which includes firmware for individual chassis components, management firmware, server BIOS, user interface, and virtualization software subject to the terms and conditions of the End User License Agreement. At the end of the free one year period a new Intel® Modular Server Software Maintenance key must be purchased and installed in order to install any software updates.

Supported Boxed Processors for MFS2600KI

Product Code	SL	MM	Description
BX80621E52603	SR0LB	919828	Boxed Intel® Xeon® Processor E5-2603 (10M Cache, 1.80 GHz, 6.40 GT/s Intel® QPI) FC-LGA10
BX80621E52609	SR0LA	919829	Boxed Intel® Xeon® Processor E5-2609 (10M Cache, 2.40 GHz, 6.40 GT/s Intel® QPI) FC-LGA10
BX80621E52620	SR0KW	919838	Boxed Intel® Xeon® Processor E5-2620 (15M Cache, 2.00 GHz, 7.20 GT/s Intel® QPI) FC-LGA10
BX80621E52630	SR0KV	919839	Boxed Intel® Xeon® Processor E5-2630 (15M Cache, 2.30 GHz, 7.20 GT/s Intel® QPI) FC-LGA10
BX80621E52640	SR0KR	919840	Boxed Intel® Xeon® Processor E5-2640 (15M Cache, 2.50 GHz, 7.20 GT/s Intel® QPI) FC-LGA10
BX80621E52650	SR0KQ	919841	Boxed Intel® Xeon® Processor E5-2650 (20M Cache, 2.00 GHz, 8.00 GT/s Intel® QPI) FC-LGA10
BX80621E52660	SR0KK	919842	Boxed Intel® Xeon® Processor E5-2660 (20M Cache, 2.20 GHz, 8.00 GT/s Intel® QPI) FC-LGA10

Supported Tray Processors for MFS2600KI

Product Code	SL	MM	Description
CM8062100856501	SR0LB	919254	Intel® Xeon® Processor E5-2603 (10M Cache, 1.80 GHz, 6.40 GT/s Intel® QPI) FC-LGA10, Tray
CM8062107186604	SR0LA	919251	Intel® Xeon® Processor E5-2609 (10M Cache, 2.40 GHz, 6.40 GT/s Intel® QPI) FC-LGA10, Tray
CM8062101048401	SR0KW	919196	Intel® Xeon® Processor E5-2620 (15M Cache, 2.00 GHz, 7.20 GT/s Intel® QPI) FC-LGA10, Tray
CM8062101038801	SR0KV	919193	Intel® Xeon® Processor E5-2630 (15M Cache, 2.30 GHz, 7.20 GT/s Intel® QPI) FC-LGA10, Tray
CM8062107185405	SR0KM	919077	Intel® Xeon® Processor E5-2630L (15M Cache, 2.00 GHz, 8.00 GT/s Intel® QPI) FC-LGA10, Tray
CM8062100856401	SR0KR	919160	Intel® Xeon® Processor E5-2640 (15M Cache, 2.50 GHz, 7.20 GT/s Intel® QPI) FC-LGA10, Tray
CM8062100856218	SR0KQ	919090	Intel® Xeon® Processor E5-2650 (20M Cache, 2.00 GHz, 8.00 GT/s Intel® QPI) FC-LGA10, Tray
CM8062107185309	SR0KL	919073	Intel® Xeon® Processor E5-2650L (20M Cache, 1.80 GHz, 8.00 GT/s Intel® QPI) FC-LGA10, Tray
CM8062107184801	SR0KK	919070	Intel® Xeon® Processor E5-2660 (20M Cache, 2.20 GHz, 8.00 GT/s Intel® QPI) FC-LGA10, Tray

Supported Boxed Processors for MFS5520VIR

Product Code	MM	SL	Description
BX80602X5570	901025	SLBF3	2.93GHz 1333MHz 8MB Quad-Core Intel® Xeon® Processor X5570
BX80602X5560	901026	SLBF4	2.8GHz 1333MHz 8MB Quad-Core Intel® Xeon® Processor X5560
BX80602X5550	901027	SLBF5	2.66GHz 1333MHz 8MB Quad-Core Intel® Xeon® Processor X5550
BX80602E5540	901028	SLBF6	2.53GHz 1066MHz 8MB Quad-Core Intel® Xeon® Processor E5540
BX80602E5530	901029	SLBF7	2.4GHz 1066MHz 8MB Quad-Core Intel® Xeon® Processor E5530
BX80602E5520	901030	SLBFD	2.26GHz 1066MHz 8MB Quad-Core Intel® Xeon® Processor E5520
BX80602E5506	901031	SLBF8	2.13GHz 800MHz 4MB Quad-Core Intel® Xeon® Processor E5506
BX80602E5504	901032	SLBF9	2GHz 800MHz 4MB Quad-Core Intel® Xeon® Processor E5504
BX80602E5502	901022	SLBEZ	1.86GHz 800MHz 4MB Dual-Core Intel® Xeon® Processor E5502
BX80602L5530	903280	SLBGF	2.4GHz 1066MHz 8MB Quad-Core Intel® Xeon® Processor L5530
BX80614X5670	907466	SLBV7	2.93GHz, 12MB L3 Cache, 1333 MHz, 6C Intel® Xeon® Processor X5670
BX80614X5660	907464	SLBV6	2.80GHz, 12MB L3 Cache, 1333 MHz, 6C Intel® Xeon® Processor X5560
BX80614X5650	907463	SLBV3	2.66GHz, 12MB L3 Cache, 1333 MHz, 6C Intel® Xeon® Processor X5650
BX80614E5640	907460	SLBVC	2.66GHz, 12MB L3 Cache, 1066 MHz, 4C Intel® Xeon® Processor E5640
BX80614E5630	907459	SLBVB	2.53GHz, 12MB L3 Cache, 1066 MHz, 4C Intel® Xeon® Processor E5630
BX80614E5620	907461	SLBV4	2.4GHz, 12MB L3 Cache, 1066 MHz, 4C Intel® Xeon® Processor E5620
BX80614L5640	907462	SLBV8	2.26GHz, 12MB L3 Cache, 1333 MHz, 6C Intel® Xeon® Processor L5640
BX80614L5630	907465	SLBVD	2.13GHz, 12MB L3 Cache, 1066 MHz, 4C Intel® Xeon® Processor L5630

Supported Tray Processors for MFS5520VIR

Product Code	MM	SL	Description
AT80602000765AA	900835	SLBF3	2.93GHz 1333MHz 8MB Quad-Core Intel® Xeon® Processor X5570
AT80602000768AA	900836	SLBF4	2.8GHz 1333MHz 8MB Quad-Core Intel® Xeon® Processor X5560
AT80602000771AA	900837	SLBF5	2.66GHz 1333MHz 8MB Quad-Core Intel® Xeon® Processor X5550
AT80602000789AA	900838	SLBF6	2.53GHz 1066MHz 8MB Quad-Core Intel® Xeon® Processor E5540
AT80602000792AA	900839	SLBF7	2.4GHz 1066MHz 8MB Quad-Core Intel® Xeon® Processor E5530
AT80602002091AA	900840	SLBFD	2.26GHz 1066MHz 8MB Quad-Core Intel® Xeon® Processor E5520
AT80602000798AA	900841	SLBF8	2.13GHz 800MHz 4MB Quad-Core Intel® Xeon® Processor E5506
AT80602000801AA	900842	SLBF9	2GHz 800MHz 4MB Quad-Core Intel® Xeon® Processor E5504
AT80602000804AA	900400	SLBEZ	1.86GHz 800MHz 4MB Dual-Core Intel® Xeon® Processor E5502
AT80602002937AB	901504	SLBGF	2.4GHz 1066MHz 8MB Quad-Core Intel® Xeon® Processor L5530
AT80602000810AA	900843	SLBFA	2.26GHz 1066MHz 8MB Quad-Core Intel® Xeon® Processor L5520
AT80602002712AA	900833	SLBFH	2.13GHz 800MHz 4MB Quad-Core Intel® Xeon® Processor L5506
AT80614005130AA	907411	SLBV7	2.93GHz, 12MB L3 Cache, 1333 MHz, 6C Intel® Xeon® Processor X5670
AT80614005127AA	907409	SLBV6	2.80GHz, 12MB L3 Cache, 1333 MHz, 6C Intel® Xeon® Processor X5560
AT80614004320AD	907406	SLBV3	2.66GHz, 12MB L3 Cache, 1333 MHz, 6C Intel® Xeon® Processor X5650
AT80614005466AA	907416	SLBVC	2.66GHz, 12MB L3 Cache, 1066 MHz, 4C Intel® Xeon® Processor E5640
AT80614005463AA	907415	SLBVB	2.53GHz, 12MB L3 Cache, 1066 MHz, 4C Intel® Xeon® Processor E5630
AT80614005073AB	907407	SLBV4	2.4GHz, 12MB L3 Cache, 1066 MHz, 4C Intel® Xeon® Processor E5620
AT80614005133AB	907412	SLBV8	2.26GHz, 12MB L3 Cache, 1333 MHz, 6C Intel® Xeon® Processor L5640
AT80614005484AA	907417	SLBVD	2.13GHz, 12MB L3 Cache, 1066 MHz, 4C Intel® Xeon® Processor L5630

VMware vSphere* and vCenter* Product Descriptions – Overview

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

Licensing Per Processor with vRAM Entitlements: VMware vSphere 5 is licensed on a per-processor basis with a vRAM entitlement. Each VMware vSphere 5 processor license comes with an entitlement to a certain amount of vRAM capacity, or memory configured to virtual machines. For more information, VMware's licensing whitepaper can be found at http://www.vmware.com/products/vsphere/overview.html.

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 192 GB vRAM entitlement with 1 year VMware Basic (12x5) Support and Subscription.	1
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	1

			vSphere 5 Enterprise Plus for 1 processor (with 96 GB vRAM entitlement per processor) with 1 year VMware Basic (12x5) Support and Subscription.	
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 5 (Per Instance) with 1 year VMware Basic (12x5) Support and Subscription.	1
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

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	1

			Deduplication Option license which will support your entire media server environment with 1 year Symantec Essentials 24x7 Support.	
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