Intel® Server Board S2600JF Family
Intel® Server System H2000JF Family
Intel® Compute Module HNS2600JF Family
Intel® Server Chassis H2000 Family
Spares/Accessories List and Configuration Guide

A reference guide to assist customers in ordering the necessary components to configure the Intel® Server Board S2600JF and the appropriate 2U Intel Rack Mount Server Systems



Revision 1.0

January 2012

Enterprise Platforms and Services Marketing

Revision History

Feb '11- Rev 0.1 – initial release for Beta

May'11 – Rev 0.2 – update for Silver.

September'11 – Rev 0.9 – Production draft

October'11 - Rev 0.95 - Production Candidate

October'11 - Rev 0.96 - Production Candidate 2

January'12 - Rev 1.0 - Production Candidate 3

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1. System Product Order Codes

1.1 Product Descriptions - Overview

Product based on the Intel® Server Board S2600JF will be offered in variety of options to provide the flexibility and facility for customer.

BIK will be offered as integrated systems at launch, including drive, InfiniBand and power supplies configuration.

Board will be offered as 10-pack at launch.

Chassis will be offered as KDK at launch. It will include power supply, but Compute Module will be excluded.

Compute Module can be ordered separately for both single-pack and 10-pack.

1.2 Summary chart

For a quick overview, all configuration options are summarized on below chart. Reference details below in this document for MM numbers, configuration details and product order codes.

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.

BIK:

								Available
Pcode	FF	HDD	# of	HDD	Power supply	Rails	Compute Module	Time
H2312JFJR	2U	3.5	12		2 x 1200W AC	Value	4 x HNS2600JF	Mar'12 TTM
H2312JFQJR	2U	3.5	12		2 x 1200W AC	Value	4 x HNS2600JFQ	Mar'12 TTM
H2312JFFJR	2U	3.5	12		2 x 1200W AC	Value	4 x HNS2600JFF	Q2'12
H2216JFJR	2U	2.5		16	2 x 1200W AC	Value	4 x HNS2600JF	Mar'12 TTM
H2216JFQJR	2U	2.5		16	2 x 1200W AC	Value	4 x HNS2600JFQ	Mar'12 TTM
H2216JFFJR	2U	2.5		16	2 x 1200W AC	Value	4 x HNS2600JFF	Q2'12
H2312JFKR	2U	3.5	12		2 x 1600W AC	Value	4 x HNS2600JF	Q3'12
H2312JFQKR	2U	3.5	12		2 x 1600W AC	Value	4 x HNS2600JFQ	Q3'12
H2312JFFKR	2U	3.5	12		2 x 1600W AC	Value	4 x HNS2600JFF	Q3'12
H2216JFKR	2U	2.5		16	2 x 1600W AC	Value	4 x HNS2600JF	Q3'12
H2216JFQKR	2U	2.5		16	2 x 1600W AC	Value	4 x HNS2600JFQ	Q3'12
H2216JFFKR	2U	2.5		16	2 x 1600W AC	Value	4 x HNS2600JFF	Q3′12

KDK:

								Available
Pcode	FF	HDD	# of	HDD	Power supply	Rails	Compute Module	Time
H2312XXJR	2U	3.5	12		2x1200W AC	Value	Not included	Non TTM
H2216XXJR	2U	2.5		16	2x1200W AC	Value	Not included	Non TTM
H2312XXKR	2U	3.5	12		2x1600W AC	Value	Not included	Q3′12

H2216XXKR	2U	2.5		16	2x1600W AC	Value	Not included	Q3'12
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Compute Module:

					Intel [®] RAID	
			rIOM riser /	RMM4 Lite	C600 Upgrade	Available
Pcode	FF	Integrated InfiniBand	carrier	Key	Key	Time
	1U					Mar'12 TTM
	Compute					
HNS2600JF	Module	No	Not included	Not included	Not included	
	1U					Mar'12 TTM
	Compute					
HNS2600JFQ	Module	Yes (QDR 40Gb/s)	Not included	Not included	Not included	
	1U					Q2'12
	Compute					
HNS2600JFF	Module	Yes (FDR 56Gb/s)	Not included	Not included	Not included	

Board:

					Intel [®] RAID	
			rIOM riser /	RMM4 Lite	C600 Upgrade	Available
Pcode	FF	Integrated InfiniBand	carrier	Key	Key	Time
	6.42" W					Mar'12 TTM
BBS2600JF	x 17.7" L	No	Not included	Not included	Not included	
	6.42" W					Mar'12 TTM
BBS2600JFQ	x 17.7" L	Yes (QDR 40Gb/s)	Not included	Not included	Not included	
	6.42" W					Q2'12
BBS2600JFF	x 17.7" L	Yes (FDR 56Gb/s)	Not included	Not included	Not included	

1.3 Available Production Board order codes

Image	Product Code MM UPC EAN	Description
	MOQ	Production Intel® Server Board S2600JF (OEM
	BBS2600JF	10-pack version) - 6.42" W x 17.7" L
	917760	- 8x DIMMs support DDR3/DDR3L LR/U/R-DIMMs
	735858243315	 4x 3Gb/s SATA/SAS ports from SCU, 2x 6Gb/s SATA DOM ports from AHCI
	5032037037952	3 PCle3 x16 capable slots (not PCle Sig compatible)
	10	Dual 1GbE Compatible with Intel® Xeon® processor
		E5-2600 series.
	BBS2600JFQ	Production Intel® Server Board S2600JFQ (OEM 10-pack version) - 6.42" W x 17.7" L
OF THE STREET	917761	8x DIMMs support DDR3/DDR3L LR/U/R- DIMMs
	735858243322	 4x 3Gb/s SATA/SAS ports from SCU, 2x 6Gb/s SATA DOM ports from AHCI
	5032037037969	3 PCle3 x16 capable slots (not PCle Sig compatible)
*Depop board shown	10	Dual 1GbE Single InfiniBand QDR (QSFP port)
		Compatible with Intel® Xeon® processor E5-2600 series.
		Production Intel® Server Board S2600JFF (OEM 10-pack version)
	BBS2600JFF	- 6.42" W x 17.7" L
	921294	- 8x DIMMs support DDR3/DDR3L LR/U/R-DIMMs
	TBD	 4x 3Gb/s SATA/SAS ports from SCU, 2x 6Gb/s SATA DOM ports from AHCI
	TBD	3 PCle3 x16 capable slots (not PCle Sig compatible)
*Depop board shown	10	Dual 1GbE Single InfiniBand FDR (QSFP port)
		Compatible with Intel® Xeon® processor E5-2600 series.

1.4 Available Production System order codes

	Product Code MM	
Image	UPC	Description
, and the second	EAN	·
	MOQ	
	H2312JFJR	The Production Intel® Server System H2312JFJR
	918305	- 2U H2312XXJR Chassis (Blank Node
		Filler excluded)
A	735858243391	- 4x HNS2600JF Compute Module There are no required EPSD components to make
	5032037038034	this system functional
	1	
*Demo only	•	
	H2312JFQJR	The Production Intel® Server System
	918306	H2312JFQJR - 2U H2312XXJR Chassis (Blank Node
	725050242444	Filler excluded)
	735858243414	 4x HNS2600JFQ Compute Module (InfiniBand QDR)
	5032037038058	There are no required EPSD components to make
*Demo only	1	this system functional
Demo only		
	H2312JFFJR	The Production Intel® Server System H2312JFFJR
	921303	- 2U H2312XXJR Chassis (Blank Node
	TBD	Filler excluded) - 4x HNS2600JFF Compute Module
		(InfiniBand FDR)
	TBD	There are no required EPSD components to make this system functional
*Demo only	1	ans system randistrai
	H2216JFJR	
ALC:		The Production Intel® Server System
	918307	H2216JFJR
	735858243353	 2U H2216XXJR Chassis (Blank Node Filler excluded)
	5032037037990	- 4x HNS2600JF Compute Module
	3032037037330	There are no required EPSD components to make this system functional
*Demo only	1	uns system iuncuonai
	H2216JFQJR	The Production Intel® Server System
	918308	H2216JFQJR
	910300	 2U H2216XXJR Chassis (Blank Node Filler excluded)
	735858243377	- 4x HNS2600JFQ Compute Module
	5032037038010	(InfiniBand QDR) There are no required EPSD components to make
	4	this system functional
*Demo only	1	

	H2216JFFJR	The Production Intel® Server System H2216JFFJR
	921304	- 2U H2216XXJR Chassis (Blank Node
	TBD	Filler excluded)
	ושט	 4x HNS2600JFF Compute Module (InfiniBand FDR)
	TBD	There are no required EPSD components to make
*Davis and	1	this system functional
*Demo only	•	
	H2312JFKR	The Production Intel® Server System H2312JFKR
	TBD	- 2U H2312XXKR Chassis (Blank Node
	TBD	Filler excluded)
	סטו	- 4x HNS2600JF Compute Module There are no required EPSD components to make
	TBD	this system functional
*Demo only	1	
255	H2312JFQKR	The Production Intel® Server System
	TIZSTZJEWNK	H2312JFQKR
	TBD	- 2U H2312XXKR Chassis (Blank Node
	TBD	Filler excluded) - 4x HNS2600JFQ Compute Module
	TOD	(InfiniBand QDR)
	TBD	There are no required EPSD components to make this system functional
*Demo only	1	
	H2312JFFKR	The Production Intel® Server System
	TDD	H2312JFFKR
	TBD	 2U H2312XXKR Chassis (Blank Node Filler excluded)
	TBD	- 4x HNS2600JFF Compute Module
	TBD	(InfiniBand FDR) There are no required EPSD components to make
	_	this system functional
*Demo only	1	
	H2216JFKR	The Production Intel® Server System
	TBD	H2216JFKR - 2U H2216XXKR Chassis (Blank Node
	TDD	Filler excluded)
	TBD	- 4x HNS2600JF Compute Module There are no required EPSD components to make
	TBD	this system functional
*Demo only	1	
Domo only	H2246 IEOVD	The Production Intel® Server System
	H2216JFQKR	The Production Intel® Server System H2216JFQKR
	TBD	- 2U H2216XXKR Chassis (Blank Node
Delete State of A	TBD	Filler excluded) - 4x HNS2600JFQ Compute Module
		(InfiniBand QDR)
	TBD	There are no required EPSD components to make this system functional
	<u> </u>	and System randachar

*Demo only	1	
	H2216JFFKR TBD TBD TBD	The Production Intel® Server System H2216JFFKR - 2U H2216XXKR Chassis (Blank Node Filler excluded) - 4x HNS2600JFF Compute Module (InfiniBand FDR) There are no required EPSD components to make this system functional

1.5 Available Production Chassis order codes

Image	Product Code MM UPC EAN MOQ	Description
Coming Soon	H2312XXJR 919020 735858243285 5032037037921 1	The Production Intel® Server Chassis H2312XXJR - 2U H2000 Chassis (front panel FH2000FPANEL included, Power Distribution Board FXXCRPSPDB included) - 2x 1200W Platinum PSU (FXX1200PCRPS) - 12x 3.5" Hot-swap HDDs support (carriers FXX35HSADPB included, backplane FHW12X35HSBP) - 4x Blank Node Filler (FH2000BNF) - Basic rack rail (AXXELVRAIL)
Coming Soon	H2216XXJR 919021 735858243278 5032037037914 1	The Production Intel® Server Chassis H2216XXJR - 2U H2000 Chassis (front panel FH2000FPANEL included, Power Distribution Board FXXCRPSPDB included) - 2x 1200W Platinum PSU (FXX1200PCRPS) - 16x 2.5" Hot-swap HDDs support (carriers FXX25HSCAR included, backplane FHW16X25HSBP) - 4x Blank Node Filler (FH2000BNF) - Basic rack rail (AXXELVRAIL)

Coming Soon	H2312XXKR 919022 735858243292	The Production Intel® Server Chassis H2312XXKR - 2U H2000 Chassis (front panel FH2000FPANEL included, Power Distribution Board FXXCRPSPDB included) - 2x 1600W Platinum PSU (FXX1600PCRPS)
	5032037037938	- 12x 3.5" Hot-swap HDDs support (carriers FXX35HSADPB included, backplane
	'	FHW12X35HSBP) - 4x Blank Node Filler (FH2000BNF) - Basic rack rail (AXXELVRAIL)
		The Production Intel® Server Chassis
		H2216XXKR
	H2216XXKR	H2216XXKR - 2U H2000 Chassis (front panel FH2000FPANEL included, Power
	H2216XXKR 919023	 2U H2000 Chassis (front panel FH2000FPANEL included, Power Distribution Board FXXCRPSPDB
Coming Soon		 2U H2000 Chassis (front panel FH2000FPANEL included, Power Distribution Board FXXCRPSPDB included) 2x 1600W Platinum PSU
Coming Soon	919023	 2U H2000 Chassis (front panel FH2000FPANEL included, Power Distribution Board FXXCRPSPDB included) 2x 1600W Platinum PSU (FXX1600PCRPS) 16x 2.5" Hot-swap HDDs support (carriers
Coming Soon	919023 735858243308	 2U H2000 Chassis (front panel FH2000FPANEL included, Power Distribution Board FXXCRPSPDB included) 2x 1600W Platinum PSU (FXX1600PCRPS) 16x 2.5" Hot-swap HDDs support (carriers FXX25HSCAR included, backplane FHW16X25HSBP)
Coming Soon	919023 735858243308	 2U H2000 Chassis (front panel FH2000FPANEL included, Power Distribution Board FXXCRPSPDB included) 2x 1600W Platinum PSU (FXX1600PCRPS) 16x 2.5" Hot-swap HDDs support (carriers FXX25HSCAR included, backplane

1.6 Available Production Compute Module order codes

Image	Product Code MM UPC EAN MOQ	Description
Coming Soon	HNS2600JF 918336 735858243445 5032037038089 1	The Production Intel® Compute Module HNS2600JF - Intel® Server Board S2600JF included - Node Power Board FH2000NPB included - Bridge Board FHWJFWPBGB included - Slot1 riser card FHW1U16RISER included - 3x 4056 dual rotor fans FXX4056DRFAN included - 1U passive heatsinks (one FXXEA91X91HS for front, and one FXXCA91X91HS for rear) included - Airduct included - 1U node tray included

	1	
		The Production Intel® Compute Module
		HNS2600JFQ
	HNS2600JFQ	 Intel® Server Board S2600JFQ included
		(InfiniBand QDR)
	918335	 Node Power Board FH2000NPB included
		- Bridge Board FHWJFWPBGB included
	735858243438	- Slot1 riser card FHW1U16RISER included
Coming Soon		- 3x 4056 dual rotor fans FXX4056DRFAN
	5032037038072	included
		- 1U passive heatsinks (one
	1	FXXEA91X91HS for front, and one
		FXXCA91X91HS for rear) included
		- Airduct included
		 1U node tray included
		The Production Intel® Compute Module
		HNS2600JFF
	HNS2600JFF	- Intel® Server Board S2600JFF included
		(InfiniBand FDR)
	921301	- Node Power Board FH2000NPB included
		- Bridge Board FHWJFWPBGB included
Coming Soon	TBD	- Slot1 riser card FHW1U16RISER included
Coming Soon		- 3x 4056 dual rotor fans FXX4056DRFAN
	TBD	included
		- 1U passive heatsinks (one
	1	FXXEA91X91HS for front, and one
		FXXCA91X91HS for rear) included
		- Airduct included
		 1U node tray included

2. Spares and Accessories Order Codes

2.1 General spares and accessories

Image						
SAXRMM4LITE 911660 00735858219297 5032037014946 1						
AXXRMM4LITE 911660 00735858219297 5032037014946 1 AXXRMM4IOM 918249 735858243254 5032037037891 1 1 NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. FHW1U16RISER 916729 735858223003 65032037019286 10 FXX4056DRFAN 918254 735858243469 5032037038102 10 FXX1200PCRPS 915605 735858225137 Activation key for advanced management features. PCI Express x16 (164 pin) rIOM riser and rIOM carrier board kit for providing dedicate RMM4 NIC port and constaining Intel® I/O module for HNS2600JF and HNS2400LP compute module family NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. IU PCI Express x16 riser card for supporting in-board low-profile PCle adding card of Slot1 on HNS2600JF, HNS260JF, BNS260JF, BNS26JF, BNS260JF,	Image	UPC	Description			
AXXRMM4LITE 911660 00735858219297 5032037014946 1 AXXRMM4IOM 918249 735858243254 5032037037891 1 1 NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features FHW1U16RISER 916729 735858223003 5032037019286 10 FXX4056DRFAN 918254 735858243469 5032037038102 10 FXX1200PCRPS 915605 735858225137 Activation key for advanced management features PCI Express x16 (164 pin) rIOM riser and rIOM carrier board (in for providing dedicate RMM4 NIC port and constaining Intel® I/O module for HNS2600JF and HNS2400LP compute module family NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. FHW1U16RISER 916729 735858223003 60032037019286 1U PCI Express x16 riser card for supporting in-board low-profile PCIe adding card of Slot1 on HNS2600JF, HNS2600JF and HNS2400LP compute module family 40x56mm Dual Rotor Fan spare FXX1200PCRPS 915605 735858225137 1200W AC Common Redundant Power Supply FXX1200PCRPS 80Plus Platinum-Efficiency						
00735858219297 5032037014946 1 AXXRMM4IOM 918249 735858243254 5032037037891 1 1 FHW1U16RISER 916729 735858223003 5032037019286 10 FXX4056DRFAN 918254 735858243469 5032037038102 10 FXX1200PCRPS 915605 735858225137 Activation key for advanced management features PCI Express x16 (164 pin) rIOM riser and rIOM carrier board kit for providing dedicate RMM4 NIC port and constaining Intel® I/O module for HNS2600JF and HNS2400LP compute module family NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. IU PCI Express x16 riser card for supporting in-board low-profile PCle adding card of Slot1 on HNS2600JF, HNS2600WP and HNS2400LP compute module family 40x56mm Dual Rotor Fan spare						
features AXXRMM4IOM 918249 735858243254 5032037037891 1 NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. FHW1U16RISER 916729 735858223003 5032037019286 10 FXX4056DRFAN 918254 735858243469 5032037038102 10 FXX1200PCRPS 915605 735858225137 Fasting features PCI Express x16 (164 pin) rIOM riser and rIOM carrier board kit for providing dedicate RMM4 NIC port and constaining Intel® I/O module for INS2600JF and HNS2400LP compute module family NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. I U PCI Express x16 riser card for supporting in-board low-profile PCle adding card of Slot1 on HNS2600JF, HNS2600JF, HNS2600JF and HNS2400LP compute module family 10 FXX4056DRFAN 918254 735858243469 5032037038102 10 FXX1200PCRPS 915605 735858225137 1200W AC Common Redundant Power Supply FXX1200PCRPS 80Plus Platinum-Efficiency		911660				
5032037014946 1 AXXRMM4IOM 918249 735858243254 5032037037891 1 1 NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. FHW1U16RISER 916729 735858223003 5032037019286 10 FXX4056DRFAN 918254 735858243469 5032037038102 10 FXX1200PCRPS 915605 735858225137 PCI Express x16 (164 pin) rIOM riser and rIOM carrier board kit for providing dedicate RMM4 NIC port and constaining Intel® I/O module for HNS2600JF and HNS2400LP compute module family NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. I U PCI Express x16 riser card for supporting in-board low-profile PCle adding card of Slot1 on HNS2600JF, HNS2600JF, HNS2600JF and HNS2400LP compute module family 40x56mm Dual Rotor Fan spare 10 FXX1200PCRPS 915605 735858225137 1200W AC Common Redundant Power Supply FXX1200PCRPS 80Plus Platinum-Efficiency		00735858219297				
AXXRMM4IOM 918249 735858243254 735858243254 5032037037891 1 1 1 NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. FHW1U16RISER 916729 735858223003 5032037019286 10 FXX4056DRFAN 918254 735858243469 5032037038102 10 FXX1200PCRPS 915605 735858225137 PCI Express x16 (164 pin) rIOM riser and rIOM carrier board kit for providing dedicate RMM4 NIC port and constaining Intel® I/O module for HINS2600JF and HINS2400LP compute module. It must be ordered seperately for advanced management features. 1U PCI Express x16 riser card for supporting in-board low-profile PCIe adding card of Slot1 on HINS2600JF, HINS2600JF, HINS2600JF, HINS2600JF, Compute module family 40x56mm Dual Rotor Fan spare 40x56mm Dual Rotor Fan spare 1200W AC Common Redundant Power Supply FXX1200PCRPS 80Plus Platinum-Efficiency	Right - LTE	5032037014946	Todalaros			
918249 735858243254 735858243254 5032037037891 1 NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. FHW1U16RISER 916729 735858223003 5032037019286 10 FXX4056DRFAN 918254 735858243469 5032037038102 10 FXX1200PCRPS 915605 735858225137 FCI Express x16 (164 pn) rIOM riser and rIOM carrier board kit for providing dedicate RMM4 NIC port and constaining Intel® I/O module for HNS2600JF and HNS2400LP compute module family NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. 1U PCI Express x16 riser card for supporting in-board low-profile PCle adding card of Slot1 on HNS2600JF, HNS2600WP and HNS2400LP compute module family 40x56mm Dual Rotor Fan spare		1				
918249 735858243254 RIC port and constaining Intel® I/O module for HNS2600JF and HNS2400LP compute module family NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. FHW1U16RISER 916729 735858223003 10 FXX4056DRFAN 918254 735858243469 5032037038102 10 FXX1200PCRPS 915605 735858225137 Carrier board kit for providing dedicate RMM4 NIC port and constaining Intel® I/O module for HNS2600JF and constaining Intel® I/O module family NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. 1 U PCI Express x16 riser card for supporting in-board low-profile PCle adding card of Slot1 on HNS2600JF, HNS2600JF, HNS2600JF, HNS2600JF, EVENT AND		AXXRMM4IOM	PCI Eynress v16 (164 nin) rIOM riser and rIOM			
735858243254 5032037037891 1 1 NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. FHW1U16RISER 916729 735858223003 10 FXX4056DRFAN 918254 735858243469 5032037038102 10 FXX1200PCRPS 915605 735858225137 HNS2600JF and HNS2400LP compute module family NOTE: The AXXRMM4LITE is NOT included. It must be ordered seperately for advanced management features. 1U PCI Express x16 riser card for supporting in-board low-profile PCle adding card of Slot1 on HNS2600JF, HNS2600WP and HNS2400LP compute module family 40x56mm Dual Rotor Fan spare 10 FXX1200PCRPS 915605 735858225137 1200W AC Common Redundant Power Supply FXX1200PCRPS 80Plus Platinum-Efficiency		918249	carrier board kit for providing dedicate RMM4			
1 NOTE: The AXXMM4LITE is NOT included. It must be ordered seperately for advanced management features. FHW1U16RISER 916729 735858223003 10 PCI Express x16 riser card for supporting in-board low-profile PCle adding card of Slot1 on HNS2600JF, HNS2600WP and HNS2400LP compute module family FXX4056DRFAN 918254 735858243469 5032037038102 10 FXX1200PCRPS 915605 735858225137 1200W AC Common Redundant Power Supply FXX1200PCRPS 80Plus Platinum-Efficiency		735858243254	HNS2600JF and HNS2400LP compute module			
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735858225137 1200W AC Common Redundant Power Supply FXX1200PCRPS 80Plus Platinum-Efficiency		FXX1200PCRPS				
735858225137 FXX1200PCRPS 80Plus Platinum-Efficiency		915605	1200W AC Common Bodundont Bower Sunniv			
5032037035071		735858225137				
	The state of the s	5032037035071				

	1	
	FXX1600PCRPS	
The same of the sa	915606	1600W AC Common Redundant Power Supply
	735858243650	FXX1600PCRPS 80Plus Platinum-Efficiency
I I I I I I I I I I I I I I I I I I I	5032037038294	Notes: Available in Q3'12
	1	
	BXSTS200P	
	915972	
	TBD	1U Standard Boxed Cu/Al 91.5mm x 91.5mm
	TBD	Heat Sink (Rear Heat Sink)
	1	
	FXXCA91X91HS	
	918250	
	735858236614	1U Standard Cu/Al 91.5mm x 91.5mm Heat
	5032037031387	Sink (Rear Heat Sink)
	2	
	FXXEA91X91HS	
	918251	
	735858236669	1U Standard Ex-Al 91.5mm x 91.5mm Heat
	5032037031431	Sink (Front Heat Sink)
	2	
	FHW12X35HSBP	
	920830	
	TBD	Spare 12 x 3.5" backplane for H2000 Chassis
	TBD	family
	1	
	FHW16X25HSBP	
	920829	Spare 16 x 2.5" backplane for H2000 Chassis
	TBD	family

TBD		
1		
FH2000BNF		
920831		
TBD	Spare Blank Node Filler for H2000 Chassis	
TBD	family	
10		
FH2000NPB		
920832		
TBD	Spare Node Power Board for H2000 Chassis	
TBD	family	
10		
FHWJFWPBGB		
920833		
TBD	Spare Bridge Board for H2000JF and	
TBD	H2000WP System family	
10		
FXXCRPSPDB		
921250		
TBD	Spare Power Distribution Board for Common Redundant Power Supply 1200W and 1600W	
TBD	of H2000 Chassis	
10		
FH2000FPANEL		
920835		
TBD	Spare front control panel kit for H2000 Chassis	
TBD	family	
1		
FH2000JFMKIT	Chassis Maintenance Kit FH2000JFMKIT (for	
919032	Intel® Server System H2000JF family) including (2) Node tray of HNS2600JF, (2)	

705050040450	A: ((
735858243452	Airduct of HNS2600JF, Cable kit and Screw kit
5032037038096	
1	
FXX25HSCAR	
918807	
735858241182	Spare 2.5" HDD hot swap carriers
5032037035910	
8	
FXX35HSADPB	
912771	
00735858219495	Spare 3.5" HDD hot swap carriers
5032037016391	Cpane on the manage cannot
8	
AXXELVRAIL	
920970	
00735858244367	
5032037038980	
1	
FPWRCABLENA	
879287	
735858181129	North American Dawer Card Spare
TBD	North American Power Cord Spare
1	
A2UBEZEL	
918086	
735858241137	2U locking bezel with two branding clip-on
5032037035880	inserts
1	

2.2 Dynamic Key spares and accessories

Image	Product Code MM UPC EAN MOQ	Description
	When no key installed:	4 SATA channels active with SW RAID 'basic' which includes RSTe SW RAID 0/1/10/5 + LSI SW RAID 0/1/10
	RKSATA4R5	
	916346	
	735858238861	Intel® RAID C600 Upgrade Key RKSATA4R5 enables LSI SATA SW RAID 5, Black
	5032037033640	Shabito Lor Critic Crit
	5	
	RKSAS4	
	916349	Late IO DAID 0000 He was de IVere DVOA 04
	735858238892	Intel® RAID C600 Upgrade Key RKSAS4 activates 4 SAS ports and includes RSTe SW RAID 0/1/10 (no RAID 5) and LSI SW RAID
	5032037033671	0/1/10, Green
	5	
	RKSAS4R5	
	916350	Intel® RAID C600 Upgrade Key RKSAS4R5
	735858238908	activates 4 SAS ports and includes RSTe SW RAID 0/1/10 (no RAID 5) and LSI SW RAID
	5032037033688	0/1/10/5 (enables LSI SWR5), Yellow
	5	

2.3 Expansion modules: IO Module

- Decade of October						
Image	Product Code MM UPC EAN MOQ	Description				
	AXX10GBNIAIOM					
	917905	Dual SFP+ port 10GbE IO module based on Intel® 82599 10 Gigabit Ethernet Controller				
	735858241090	Supports direct connect or transceiver.				
	5032037035842	Cables/transceivers not included.				
	1	Includes three screws				
	AXX10GBTWLIOM					
	917907	Dual RJ-45 port 10GBASE-T IO module,				
	735858241113	based on Intel I350 Ethernet chipset				
	5032037035866	Includes three screws				
	1					
	AXX1FDRIBIOM					
	918607	Single port, FDR speed Infiniband module with QSFP connector, based on Mellanox CX3				
	735858241106	chip.				
	5032037035859	Includes three screws				
*Dual ports shown	1	*Dual port shown on picture				
	AXX2FDRIBIOM					
	920627	Dual port, FDR speed Infiniband module with QSFP connector, based on Mellanox CX3				
	TBD	chip.				
	TBD	Includes three screws				
	1	*Dual port shown on picture				
	AXX4P1GBPWLIO M					
	917911	_				
	735858241083	Quad port 1GbE IO Module based on Intel® Ethernet Controller I350				
	5032037035835					
	1					

AXXQAAIOMOD	
920561	
TBD	Intel Quick Assist Accelerator I/O Module
TBD	
1	

2.4 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.

VMware vSphere 5 Essentials Bundle for 3 hosts (Max 2 processors per host) and 192 GB
vRAM entitlement
with 1 year VMware Subscription.
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
VMware vSphere 5 Standard for 1 processor (with 32 GB vRAM entitlement per processor)
, and the second of the second
with 1 year VMware Basic (12x5) Support and Subscription
with 1 year VMware Production (24x7) Support and Subscription
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
• • • • • • • • • • • • • • • • • • • •
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 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	ММ	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 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 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	
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2.5 Symantec Backup Exec 2010 and System Recovery 2011 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 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)		

	Backup for four Windows Servers, including deduplication option
Symantec Backup Exec 2010	One Backup Exec Server (per server)
Multi-Server DeDuplication Suite	Three Agents for Microsoft Windows Systems (per server)
	One Option for Deduplication (per server)
	Backup for one Windows Server with Microsoft Exchange, including
	deduplication and archiving options:
Symantec Backup Exec 2010	One Backup Exec Server (per server)
Exchange DeDuplication and	One Agent for Microsoft Exchange Server (per server)
Archiving Suite	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 Greenway Receiver Option	
	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	ММ	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	1

			license and agent for Microsoft Exchange Server 2003, 2007 and, 2010 SP1 with 1 year Symantec Essentials 24x7 Support.	
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
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