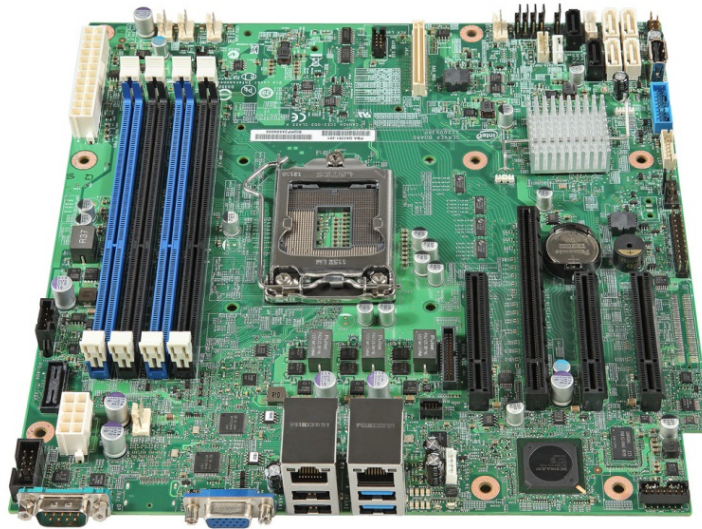

Intel® Server Systems R1304RP, & R1208, Intel®
Server Systems P4308RP, Intel® Server Boards
S1200RP, and Intel Server Chassis P4304

Configuration Guide and Spares/Accessories List

A reference guide to assist customers in ordering the necessary components to
configure the S1200RP family of Intel® Server Systems building blocks



Revision 2.8

May 2016

Revision History:

June '13 Rev 1.0 – Production Launch version

June '13 Rev 1.1 – fixed typos

June '13 Rev 1.2 – fixed typos

July '13 Rev 1.3 – updated cable info and I/O module info

October '13 Rev 1.4 – fixed typos and added updated logos, and spare bezel info

November '13 Rev 1.5 – removed September launch items

Jan '14 Rev 1.6 – changed 10Gb IOM compatibility, Raid Key, and added new Haswell – R MM#s

Feb '14 Rev 1.7 – fixed typo in RMM4, and new MM#s

June '14 Rev 1.8 – updated I/O shield picture

June '14 Rev 1.9 – updated note about which cable to use on rack BIKs

October '14 Rev 2.0 – few minor edits before transfer to sustaining

November'14 Rev 2.1– Update I/O Shield MM# and MOQ

December'14 Rev 2.2 –Update 1U Riser information

January'15 Rev 2.3–Add spare FUPSNHFANE3

February'15 Rev 2.4-Update AXXSATADVDRAM and AXXSATADVDRWROM MM#

May'15 Rev 2.5-Add new Motherboard MM#s for Intel® Xeon® processor E3-1200 V4

October '2015 Rev2.6-Add SATA ports support clarification for P4308RPLSHDR

March'2016 Rev 2.7 – Add PCIe slots table, change the 1200V3RPS board picture, clarify USB 3.0 ports support, and update description for 4 RAID modules.

May' 2016 Rev2.8 -- Update P4304XXSHCN and P4308RPLSHDR description

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Table of Contents:

1. PRODUCT ORDER CODE INFORMATION	5
1.1 PRODUCT DESCRIPTIONS – OVERVIEW	5
1.2 PRODUCTION ORDER CODES FOR INTEL SERVER BOARDS AND INTEL SERVER CHASSIS.....	8
2. SPARES AND ACCESSORIES ORDER CODES	15
2.1 STORAGE MODULE ACCESSORIES.....	15
2.2 MANAGEMENT MODULE ACCESSORIES	16
2.3 I/O MODULE ACCESSORIES	16
2.4 SYSTEM SPARES AND ACCESSORIES	17
2.5 POWER SUB-SYSTEM SPARES.....	21
2.6 RISER SPARES AND ACCESSORIES.....	22

1. Product Order Code Information

1.1 Product Descriptions – Overview

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

Intel® Server Board Product compatible with the Intel® Xeon® processor E3-1200 V3 series or Intel® Xeon® processor E3-1200 V4 series or Intel® Core™ processor i3 series is offered as four SKUs:

	S1200V3RPL	S1200V3RPS	S1200V3RPM	S1200V3RPO
Slot 7 <small>*Connected to PCH</small>	Gen2 x1	Gen2 x1		
Slot 6	Gen3 x8	Gen3 x8	Gen 3 x8	Gen 3 x8
Slot 5	Gen2 x8	Gen3 x8		
Slot 4 <small>*Connected to PCH</small>	Gen2 x4	Gen2 x4		
SAS Module	Gen2 x8		Gen2 x8	Gen2 x8
IO Module			Gen2 x8	Gen2 x8
Notes	When Slot 5 and SAS module are used together, PCIe link width is x4 for each.		When SAS and IO module are used together, PCIe link width is x4 for each.	

Maximum PCIe speed and link capability for different SKUs

1. **Intel® Server Board S1200V3RPL** – uATX form factor motherboard based on Intel® C226 chipset with the following features:

- 4 DDR3(1600MHz) ECC UDIMM sockets (Unbuffered)
- 4 PCIe Slots
- Other expansion capability: X8 internal Mezz connector for SAS Module
- Compatible with Intel® Xeon® processor E3 1200 v3/4 series/ Intel® Core® processor i3 series

2. **Intel® Server Board S1200V3RPS** - uATX form factor motherboard based on Intel C222 chipset with the following features:

- 4 DDR3(1600MHz) ECC UDIMM sockets (Unbuffered)
- 4 PCIe Slots
- Compatible with Intel® Xeon® processor E3 1200 v3/4 series/ Intel® Core® processor i3 series

-
3. **Intel® Server Board S1200V3RPO** - uATX form factor motherboard based on Intel C224 chipset with the following features:
 - 4 DDR3(1600MHz) ECC UDIMM sockets (Unbuffered)
 - 1 Slot for Riser: X8 PCIe Gen 3
 - Other expansion capability: X8 internal or X8 external Mezz connector or 2 x4 Mezz connectors
 - Compatible with Intel® Xeon® processor E3 1200 v3/4 series/ Intel® Core® processor i3 series
 4. **Intel® Server Board S1200V3RPM** - uATX form factor motherboard based on Intel C226 chipset with the following features:
 - 4 DDR3(1600MHz) ECC UDIMM sockets (Unbuffered)
 - 1 Slot for Riser: X8 PCIe Gen 3
 - Other expansion capability: X8 internal or X8 external Mezz connector or 2 x4 Mezz connectors
 - Compatible with Intel® Xeon® processor E3 1200 v3/4 series/ Intel® Core® processor i3 series

System Product based on the Intel® Server Board S1200RP is offered in the following SKUs:

1. **Intel® Server System R1304RPSSFBN (Integrated SKU).** Intel Server Board S1200V3RPS integrated into 1U rack chassis with 4 x Fixed HDD Carriers, and a 350W non-redundant PS.
2. **Intel® Server System R1304RPOSHBN (Integrated SKU).** Intel Server Board S1200V3RPO integrated into 1U rack chassis with 4 x 3.5" HS HDD Carriers, and a 350W non-redundant PS.
3. **Intel® Server System R1304RPMSHOR (Integrated SKU).** Intel Server Board S1200V3RPM integrated into 1U rack chassis with 4 x 3.5" HS HDD Carriers, and two 450W HS redundant Power Supplies.
4. **Intel® Server System R1208RPOSHOR (Integrated SKU).** Intel Server Board S1200V3RPO integrated into 1U rack chassis with 8 x 2.5" HS HDD Carriers, and two 450W HS redundant Power Supplies.
5. **Intel® Server System P4308RPLSHDR (Integrated SKU).** Intel Server Board S1200V3RPL integrated into Intel Server pedestal chassis with 8 x HS HDD Carriers, two 460W HS redundant Power Supplies.

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

Pedestal Chassis Product validated with the Intel® Server Board S1200RP will be offered as these SKUs:



1. **Intel® Server Chassis P4304XXSFCN (Chassis SKU).** Intel Server pedestal chassis with 4 x Fixed (3.5") HDD Carriers, and a 365W non-redundant power supply. (Validated with SE and LC)




-
2. **Intel® Server Chassis P4304XXSHCN (Chassis SKU).** Intel Server pedestal chassis with 4 x Hot Swap (3.5”) HDD Drive Kit, and a 365W non-redundant power supply. (validated with LC)

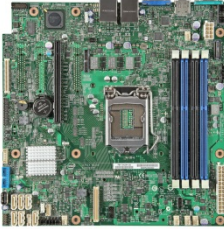

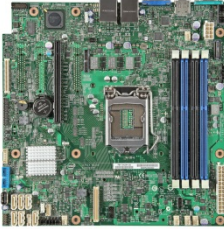
Not included in systems: Systems do not include Processors, DDR3 main memory, hard drives, or other customer configuration items like heatsink



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



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




Image	Product Code MM UPC EAN	Description
	<p>DBS1200V3RPL 927055 934312* 942029**</p> <p>00735858266529 5032037053334</p> <p>5</p> <p>(* New MM# for Intel® Xeon® processor E3 1200 v3 refresh CPU compatibility, please refer to PCN# 112799-00)</p> <p>(** New MM# for Intel® Xeon® processor E3 1200 v4 CPU compatibility, please refer to PCN# PCN113836-00)</p>	<p>Intel® Server Board S1200RPL with Intel® C226 chipset uATX pedestal motherboard that is rack friendly</p> <p>Features:</p> <ul style="list-style-type: none"> 4 DDR3 UDIMM sockets (Unbuffered) 2 channel native (1600MHz) • 4 PCIe Slots ▪ Dual Gigabit Ethernet (i210 both ports) ▪ 4 USB 3.0 support (2 rear ports + 2 front ports) ▪ TPM Header ▪ 6 SATA ports via Lynx Point Chipset 6x@6Gb/s ▪ Integrated BMC Graphics ▪ Base Manageability features based on IPMI 2.0 ▪ Can be upgraded to support remote KVM & Media redirection ▪ internal Mezzanine connector for SAS Module <p>Intel® Server Board S1200V3RPL includes (4)SATA Cables, (1)Intel® Server Deployment & Management DVD, (1) attention document, (1) Quick Start User's Guide, (1) I/O shield</p>
	<p>BBS1200V3RPL 927054 934311* 942028**</p> <p>00735858266536 5032037053341</p> <p>10</p> <p>(* New MM# for Intel® Xeon® processor E3 1200 v3 refresh CPU compatibility, please refer to PCN# 112799-00)</p> <p>(** New MM# for Intel® Xeon® processor E3 1200 v4 CPU compatibility, please refer to PCN# PCN113836-00)</p>	<p>Intel® Server Board S1200RPL with Intel® C226 chipset. (shipped in bulk pack of 10) (Intended for large OEM customers)</p> <p>Note: bulk pack product does not include I/O shields, available separately in bulk packs of 50</p>



	<p>DBS1200V3RPS 930698 934314* 942031** 00735858266543 5032037053358 5</p> <p>(* New MM# for Intel® Xeon® processor E3 1200 v3 refresh CPU compatibility, please refer to PCN# 112799-00)</p> <p>(** New MM# for Intel® Xeon® processor E3 1200 v4 CPU compatibility, please refer to PCN# PCN113836-00)</p>	<p>Intel® Server Board S1200RPS with Intel® C222 chipset uATX pedestal motherboard that is rack friendly</p> <p>Features:</p> <p>4 DDR3 UDIMM sockets (Unbuffered) 2 channel native (1600MHz)</p> <ul style="list-style-type: none"> • 4 PCIe Slots ▪ Dual Gigabit Ethernet (i210 both ports) ▪ 2 USB 3.0 support (2 rear ports, no front ports) ▪ TPM Header ▪ 6 SATA ports via Lynx Point Chipset 2x@6Gb/s ▪ Integrated BMC Graphics ▪ Base Manageability features based on IPMI 2.0 ▪ No management upgrade options <p>Intel® Server Board S1200V3RPS includes (4)SATA Cables, (1) Intel® Server Deployment & Management DVD, (1) Attention document, (1) Quick Start User's Guide, (1) I/O shield</p>
	<p>BBS1200V3RPS 927056 934313* 942030** 00735858266550 5032037053365 10</p> <p>(* New MM# for Intel® Xeon® processor E3 1200 v3 refresh CPU compatibility, please refer to PCN# 112799-00)</p> <p>(** New MM# for Intel® Xeon® processor E3 1200 v4 CPU compatibility, please refer to PCN# PCN113836-00)</p>	<p>Intel® Server Board S1200RPS with Intel® C222 chipset. (shipped in bulk pack of 10) (Intended for large OEM customers)</p> <p>Note: bulk pack product does not include I/O shields, available separately in bulk packs of 50</p>
	<p>DBS1200V3RPO 927059 934316* 942033* 00735858266567 5032037053372 5</p> <p>(* New MM# for Intel® Xeon® processor E3 1200 v3 refresh CPU compatibility, please refer to PCN# 112799-00)</p> <p>(** New MM# for Intel® Xeon® processor E3 1200 v4 CPU compatibility, please refer to PCN# PCN113836-00)</p>	<p>Intel® Server Board S1200RPO with Intel® C224 chipset. uATX motherboard that is rack optimized, designed to go into rack chassis, no I/O shield is included</p> <p>Disti 5 pack – (5 single pack server boards in a disti overpack box)</p> <p>Features:</p> <p>4 DDR3 UDIMM sockets (Unbuffered) 2 channel native (1600MHz)</p> <ul style="list-style-type: none"> • 1 PCIe Slot in slot 6 position to support 1U riser ▪ Dual Gigabit Ethernet (i210 both ports) ▪ 4 USB 3.0 support (2 rear ports + 2 front ports) ▪ TPM Header ▪ 6 SATA ports via Lynx Point Chipset 4x@6Gb/s ▪ Integrated BMC Graphics ▪ Base Manageability features based on IPMI 2.0 ▪ Can be upgraded to support remote KVM & Media redirection ▪ internal Mezzanine connector for SAS Module ▪ support for Intel I/O modules <p>Intel® Server Board S1200V3RPO includes (4)SATA Cables, (1) Intel® Server Deployment & Management DVD, (1) Attention document, (1) Quick Start User's Guide</p>

	<p>DBS1200V3RPM 927061 934318* 942037**</p> <p>00735858266581 5032037053396</p> <p>5</p> <p>(* New MM# for Intel® Xeon® processor E3 1200 v3 refresh CPU compatibility, please refer to PCN# 112799-00)</p> <p>(** New MM# for Intel® Xeon® processor E3 1200 v4 CPU compatibility, please refer to PCN# PCN113836-00)</p>	<p>Intel® Server Board S1200RPM with Intel® C226 chipset.</p> <p>uATX motherboard that is rack optimized, designed to go into rack chassis, no I/O shield is included</p> <p>Disti 5 pack – (5 single pack server boards in a disti overpack box)</p> <p>Features:</p> <p>4 DDR3 UDIMM sockets (Unbuffered) 2 channel native (1600MHz)</p> <ul style="list-style-type: none"> • 1 PCIe Slot in slot 6 position to support 1U riser ▪ Dual Gigabit Ethernet (i210 both ports) ▪ 4 USB 3.0 support (2 rear ports + 2 front ports) ▪ TPM Header ▪ 6 SATA ports via Lynx Point Chipset 4x@6Gb/s ▪ Integrated BMC Graphics ▪ Base Manageability features based on IPMI 2.0 ▪ Can be upgraded to support remote KVM & Media redirection ▪ internal Mezzanine connector for SAS Module ▪ support for Intel I/O modules ▪ 1 Display Port <p>Intel® Server Board S1200V3RPM includes (4)SATA Cables, (1)Intel® Server Deployment & Management DVD, (1) attention document, (1) Quick Start User's Guide</p>
	<p>BBS1200V3RPO 927058 934315* 942032**</p> <p>00735858266574 5032037053389</p> <p>10</p> <p>(* New MM# for Intel® Xeon® processor E3 1200 v3 refresh CPU compatibility, please refer to PCN# 112799-00)</p> <p>(** New MM# for Intel® Xeon® processor E3 1200 v4 CPU compatibility, please refer to PCN# PCN113836-00)</p>	<p>Intel® Server Board S1200RPO with Intel® C224 chipset. (Haswell –R bootable)</p> <p>(shipped in bulk pack of 10) (Intended for large OEM customers)</p>
	<p>BBS1200V3RPM 927060 934317* 942034**</p> <p>00735858266598 5032037053402</p> <p>10</p> <p>(* New MM# for Intel® Xeon® processor E3 1200 v3 refresh CPU compatibility, please refer to PCN# 112799-00)</p> <p>(** New MM# for Intel® Xeon® processor E3 1200 v4 CPU compatibility,</p>	<p>Intel® Server Board S1200RPM with Intel® C226 chipset.</p> <p>(shipped in bulk pack of 10) (Intended for large OEM customers)</p>

	<p>please refer to PCN# PCN113836-00)</p>	
	<p>R1304RPOSHBN 930733 934322* 942043** 00735858266901 5032037053587 1</p> <p>(* New MM# for Intel® Xeon® processor E3 1200 v3 refresh CPU compatibility, please refer to PCN# 112800-00)</p> <p>(** New MM# for Intel® Xeon® processor E3 1200 v4 CPU compatibility, please refer to PCN# PCN113837-00)</p>	<p>Intel® Server System R1304RPOSHBN Includes:</p> <ul style="list-style-type: none"> • Intel® Server Board S1200RPO with Intel® C224 chipset • Intel Server Chassis R1304 • One 4-port passive SAS/SATA Backplane • 4 3.5" Hot Swap HDD sleds • 3 non-redundant non-hotswap fans • 1 full-height riser (one x16 connector), supporting a FHML addin card • 1 Silver efficient 350W fixed power supply • 4 SATA cables for 3.5" HDD bays • 1 cable for Optical drive bay • 1 passive processor heatsink • Documentation (Quick Start Guide, Quick Reference label, Attention Doc, RoHS Declaration) • Resource CD with utilities, drivers, documentation and technical information • Intel System Management Software CD • 2 chassis front handles in the box (ears) <p>Note: Does not include rack rails. AXXVPSRAIL or AXXPRAIL May be purchased separately, see details below.</p> <p>When using one of our Intel Storage Modules select one of the 4 port modules and use the AXXE34DRVCBL cable accessory to connect the module to the backplane.</p>
	<p>R1304RPSSFBN 930699 934319* 942044** 00735858266895 5032037053570 1</p> <p>(* New MM# for Intel® Xeon® processor E3 1200 v3 refresh CPU compatibility, please refer to PCN# 112800-00)</p> <p>(** New MM# for Intel® Xeon® processor E3 1200 v4 CPU compatibility, please refer to PCN# PCN113837-00)</p>	<p>Intel® Server System R1304RPSSFBN Includes:</p> <ul style="list-style-type: none"> • Intel® Server Board S1200RPS with Intel® C222 chipset • Intel Server Chassis R1304 (Fixed HDD) • 4 fixed 3.5" HDD sleds • 3 non-redundant non-hotswap fans • 1 full-height riser (one x16 connector), supporting a FHML addin card • 1 Silver efficient 350W fixed power supply • 4 SATA cables for 3.5" HDD bays • 1 cable for Optical drive bay • 1 passive processor heatsink • Documentation (Quick Start Guide, Quick Reference label, Attention Doc, RoHS Declaration) • Resource CD with utilities, drivers, documentation and technical information • 2 chassis front handles in the box (ears) <p>Note: Does not include rack rails. AXXVPSRAIL or AXXPRAIL May be purchased separately, see details below.</p>






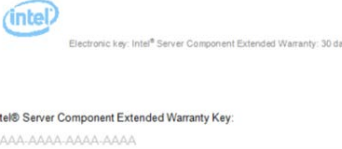
	<p>R1304RPMSHOR 930261 934324* 942045** 00735858266918 5032037053594 1</p> <p>(* New MM# for Intel® Xeon® processor E3 1200 v3 refresh CPU compatibility, please refer to PCN# 112800-00) (** New MM# for Intel® Xeon® processor E3 1200 v4 CPU compatibility, please refer to PCN# PCN113837-00)</p>	<p>Intel® Server System R1304RPMSHOR Includes:</p> <ul style="list-style-type: none"> • Intel® Server Board S1200V3RPM with Intel® C226 chipset • Intel Server Chassis R1304 (HS HDD) • 4 HS 3.5" HDD sleds • 3 non-redundant non-hotswap fans • 1 full-height riser (one x16 connector), supporting a FHML addin card • 2 Gold efficiency 450W HS Redundant power supplies • 4 SATA cables for 3.5" HDD bays • 1 cable for Optical drive bay • 1 passive processor heatsink • Documentation (Quick Start Guide, Quick Reference label, Attention Doc, RoHS Declaration) • Resource CD with utilities, drivers, documentation and technical information • 2 chassis front handles in the box (ears) <p>Note: Does not include rack rails. AXXVPSRAIL or AXXPRAIL May be purchased separately, see details below.</p> <p>When using one of our Intel Storage Modules select one of the 4 port modules and use the AXXE34DRVCBL cable accessory to connect the module to the backplane.</p>
	<p>R1208RPOSHOR 927916 934321* 00735858266925 5032037053600 1</p> <p>(* New MM# for Intel® Xeon® processor E3 1200 v3 refresh CPU compatibility, please refer to PCN# 112800-00)</p>	<p>Intel® Server System R1208RPOSHOR Includes:</p> <ul style="list-style-type: none"> • Intel® Server Board S1200RPO with Intel® C224 chipset • Intel Server Chassis R1304 (HS HDD) • 8 HS 2.5" HDD sleds • 3 non-redundant non-hotswap fans • 1 full-height riser (one x16 connector), supporting a FHML addin card • 2 Gold efficiency 450W HS Redundant power supplies • 1 cable for Optical drive bay • 1 passive processor heatsink • Documentation (Quick Start Guide, Quick Reference label, Attention Doc, RoHS Declaration) • Resource CD with utilities, drivers, documentation and technical information • 2 chassis front handles in the box (ears) <p>Note: Drive cabling to the backplane is configuration dependent. No drive cables are included with the system. If configuration is going to use the motherboard SATA ports a cable needs to be sourced. There is a cable in the Electrical Spares Kit (Product Code FR1304E3V3ESK MM# 928728) or Spares Kit AXXE3PED8DCBL or can be sourced from Amphenol(PN:RMS36-0997).</p> <p>When using one of our Intel Storage Modules select one of the 8 drive modules and use the AXXE38DRVCBL cable accessory to connect the module to the backplane.</p> <p>Does not include rack rails. AXXVPSRAIL or AXXPRAIL May be purchased separately, see details below.</p> <p>Since S1200V3RPO board has only 6 SATA ports, an add-on PCIe SATA card or RAID module is necessary in order to make full use of 8 HDD Carriers.</p>

	<p>R1208RPMSHOR 927917 934323* 942046** 00735858272339 5032037057714</p> <p>1</p> <p>(* New MM# for Intel® Xeon® processor E3 1200 v3 refresh CPU compatibility, please refer to PCN# 112800-00)</p> <p>(** New MM# for Intel® Xeon® processor E3 1200 v4 CPU compatibility, please refer to PCN# PCN113837-00)</p>	<p>Intel® Server System R1208RPMSHOR Includes:</p> <ul style="list-style-type: none"> • Intel® Server Board S1200RPM with Intel® C226 chipset • Intel Server Chassis R1208 (HS HDD) • 8 HS 2.5" HDD sleds • 3 non-redundant non-hotswap fans • 1 full-height riser (one x16 connector), supporting a FHML addin card • 2 Gold efficiency 450W HS Redundant power supplies • 1 cable for Optical drive bay • 1 passive processor heatsink • Documentation (Quick Start Guide, Quick Reference label, Attention Doc, RoHS Declaration) • Resource CD with utilities, drivers, documentation and technical information • 2 chassis front handles in the box (ears) <p>Note: Drive cabling to the backplane is configuration dependent. No drive cables are included with the system. If configuration is going to use the motherboard SATA ports a cable needs to be sourced. There is a cable in the Electrical Spares Kit (Product Code FR1304E3V3ESK MM# 928728) or Spares Kit AXXE3PED8DCBL or can be sourced from Amphenol(PN:RMS36-0997).</p> <p>When using one of our Intel Storage Modules select one of the 8 drive modules and use the AXXE38DRVCBL cable accessory to connect the module to the backplane.</p> <p>Does not include rack rails. AXXVPSRAIL or AXXPRAIL May be purchased separately, see details below.</p>
	<p>P4304XXSFCN 911754 00735858219358 5032037016933</p> <p>1</p>	<p>Intel® Server Chassis P4304XXSFCN (Entry Pedestal Chassis w/ 4 Fixed HDD sleds, 365W non-redundant power supply) Includes:</p> <ul style="list-style-type: none"> • 4 x Fixed (3.5") HDD Carriers • 1 rear chassis fan • 1 365W fixed power supply • 4 SATA cables <p>Note: Heatsink not included, boxed processor comes with appropriate heatsink to use with this chassis.</p>
	<p>P4304XXSHCN 911765 00735858219365 5032037016940</p> <p>1</p>	<p>Intel® Server Chassis P4304XXSHCN (Entry Pedestal Chassis w/ 4 HS HDD sleds, 365W non-redundant power supply) Includes:</p> <ul style="list-style-type: none"> • 4 x Hot Swap (3.5") HDD Carriers • 1 rear chassis fan • 1 365W fixed power supply • 4 SATA cables <p>Note: Heatsink not included, boxed processor comes with appropriate heatsink to use with this chassis.</p>

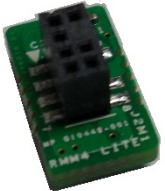


	<p>P4308RPLSHDR 927918 934320* 942047**</p> <p>00735858266932 5032037053617</p> <p>1</p> <p>(* New MM# for Intel® Xeon® processor E3 1200 v3 refresh CPU compatibility, please refer to PCN# 112800-00)</p> <p>(** New MM# for Intel® Xeon® processor E3 1200 v4 CPU compatibility, please refer to PCN# PCN113837-00)</p>	<p>Intel® Server System P4308RPLSHDR (Entry Pedestal System w/8 x Hot Swap (3.5") HDD Drive Kit, 460W HS power supply)</p> <p>Includes:</p> <ul style="list-style-type: none"> • Intel® Server Board S1200V3RPL (with C226 chipset) • 8 x HS (3.5") HDD Carriers • 1 rear chassis fan and 1 front (PCIe) fan • 2x 460W HS CRPS power supplies (Cold Redundant Power Supply) • 4 SATA cables <p>Note: Heatsink not included, boxed processor comes with appropriate heatsink to use with this chassis.</p> <p>Since S1200V3RPL board has only 6 SATA ports, an add-on PCIe SATA card or RAID module is necessary in order to make full use of 8 HDD Carriers.</p>
	<p>SVCEWUPSY</p> <p>911293</p> <p>1</p>	<p>Intel® Server Component Extended Warranty</p> <p>Extended Warranty SKU for UP Systems</p> <p>Extends Warranty from 3 years to 5 years</p>

2. Spares and Accessories Order Codes



2.1 Storage Module Accessories


Image	Product Code MM UPC	Description
 <p>For Demo only</p>	RMS25JB040 917088 735858239011 5032037033794 5	Internal 4-port RAID module (JB040) Intel® Integrated RAID Module RMS25JB040, SIOM Module Slot, LSI2308 SAS Chip, 4P Internal SAS, LSI IR RAID 0,1,1E Notes: User can use compare functionality from Intel ARK site to compare the difference among the 4 RAID modules.
 <p>For Demo only</p>	RMS25CB040 923086 735858238984 5032037033763 5	Internal 4-port RAID module (CB040) Intel® Integrated RAID Module RMS25CB040, SIOM Connector, LSI2208 ROC, 4P Internal SAS, MegaRAID SWStack, 1GB DDR3, R0,1,10,5,50,6,60
 <p>For Demo only</p>	RMS25JB080 917087 735858239004 5032037033787 5	Internal 8-port RAID module (JB080) Intel® Integrated RAID Module RMS25JB080, SIOM Module Slot, LSI2308 SAS Chip, 8P Internal SAS, LSI IR RAID 0,1,1E
 <p>For Demo only</p>	RMS25CB080 923085 735858238977 5032037033756 5	Internal 8-port RAID module (CB080) Intel® Integrated RAID Module RMS25CB080, SIOM Connector, LSI2208 ROC, 8P Internal SAS, MegaRAID SWStack, 1GB DDR3, R0,1,10,5,50,6,60
	RKSATA4R5 916346 735858238861 5032037033640 5	Intel® RAID Upgrade Key RKSATA4R5 enables LSI SATA SW RAID 5, Black
		Intel® Server Component Extended Warranty Extended Warranty SKU RAID Extends Warranty from 3 years to 5 years

2.2 Management Module Accessories





Image	Product Code MM UPC EAN MOQ	Description
	AXXRMM4LITE 911660 00735858219297 5032037014946 1	Intel® Remote Management Module RMM4 LITE - Remote KVM upgrade Key
	AXXRMM4 911670 00735858219303 5032037014922 1	Intel® Remote Management Module RMM4 – Remote KVM upgrade with Dedicated NIC Module
	AXXTPME3 922115 735858219310 5032037015196 1	Intel® TPM Trusted Platform Module







2.3 I/O Module Accessories






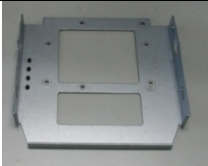

Image	Product Code MM UPC	Description
	AXX10GBTWLHW 924136 735858254038 5032037047142 1	Dual RJ-45 port 10G BASE-T I/O expansion module, based on Intel® Ethernet Controller X540 Includes three screws, port label sticker.
	AXX4P1GBPWLHIOM 917911 735858241083 5032037035835 1	Quad port 1GbE I/O expansion module based on Intel® Ethernet Controller I350 (PCIe 2.0 (5GT/s)) Includes three screws, port label sticker


	<p>AXX10GBNIAIOM 917905 735858241090 5032037035842 1</p>	<p>Dual SFP+ port 10GbE IO module based on Intel® 82599 10 Gigabit Ethernet Controller Supports direct connect or transceiver.</p> <p>Cables/transceivers not included.</p> <p>Includes three screws, port label sticker..</p>
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2.4 System Spares and Accessories

Image	Product Code MM UPC EAN MOQ	Description
	<p>AXXVPSRAIL 928722 00735858265324 5032037053280 1</p>	<p>Value Rail Kit Works for 438mm wide Intel 1U/2U Rack Chassis (R1300, R1200)</p> <p>Note: This kit is NOT compatible with AXX1U2UCMA</p>
	<p>AXXPRAIL 912797 735858219686 5032037014823</p>	<p>1U/2U Premium Rail Kit Full extension and toolless rail kit. Supports cable management arm</p> <p>Full extension and toolless rail kit. Supports cable management arm. Rail allows adjustment within 609.6mm~762mm to fit difference depth rack. Maximum extension when installed (travel distance) 800 mm.</p> <p>Note: It will only support specific rack type with 3/8" square and 7.1mm round holes</p> <p>Note: This kit is compatible with AXX1U2UCMA</p>
	<p>AXX1U2UCMA 913117 735858224604 5032037019972 1</p>	<p>Cable management arm for Premium 1U/2U rail kit</p> <p>Note: Only works with AXXPRAIL.</p>
	<p>FXXFPANEL 915982 0073585822419 5032037018968 1</p>	<p>Front Panel board spare for use on all 1U/2U (R1300, R1200, R2200, 2300) Rack chassis and P4300 Pedestal Chassis</p>


	<p>AXXE34DRVCBL 930878 735858269612 5032037055161 2</p>	<p>SAS Cable from IOM to backplane, miniSAS 8087 to 4 SATA connectors</p> <p>Note there are two cables included in package</p>
	<p>AXXE38DRVCBL 928729 00735858263603 5032037052832 1</p>	<p>SAS Cable from IOM to backplane, miniSAS 8087 to mini 8087</p>
 <p>For demo only</p>	<p>FR1304E3V3MSK 928727 00735858263689 5032037052917 1</p>	<p>Mechanical Spares Kit for R1304 Rack Chassis</p> <p>Contains:</p> <ul style="list-style-type: none"> IO Bracket Mounting Screw for 8*2.5 Front end IO Bracket IO Bracket (without knockouts) BBU Bracket CDROM Filler Panel - Screw On for 1U chassis ODD latch w/2screws 1U Loop Rack Handles (set) CPU socket spacer PSU Cable Clip Standoff for Zepher board MB Bumper Pad SAS module standoff
 <p>For demo only</p>	<p>FR1304E3V3ESK 928728 00735858263696 5032037052924 1</p>	<p>Electrical Spares Kit for R1304 Rack Chassis</p> <p>Contains</p> <ul style="list-style-type: none"> Front Panel Cable (24pin) Dual USB2.0 Cable Dual USB3.0 Cable 4 x SATA cable for HDDs SATA cable for ODD (370mm) Power adapter cable 3pin to 5pin I2C Cable SGPIO cable SATA to Mini-SAS cable
	<p>FUP4X35HSDK 911885 00735858219440 5032037016230 1</p>	<p>3.5" Hot Swap Drive Kit for P4000 server chassis.</p> <p>Includes: Drive Cage, Hot Swap Back Plane, 4 Hot Swap Drive carriers, data cables, I²C cable, and ID filler</p>
	<p>FUP8X35HSDK 915608 00735858235907 5032037030663 1</p>	<p>8x3.5" Hot Swap Drive Cage Kit for P4000 server chassis.</p> <p>Includes: Drive Cage, Hot Swap Back Plane, 8 Hot Swap Drive Carriers, data cables, I²C cable, and ID filler panel</p>






	<p>FXX35HSADPB 911771 00735858219495 5032037016391 8</p>	<p>3.5" HDD Hot Swap carrier spares for either R1304, R2300, or P4300 chassis</p>
	<p>FXX25HSCAR 918807 735858241182 5032037035910 8</p>	<p>2.5" HDD Hot Swap carrier spares for either R1304, R2300, or P4300 chassis</p>
	<p>A1UBEZEL 917983 735858241120 5032037035873 1</p>	<p>1U locking bezel with two branding clip-on inserts for logo, and one snap-on swoosh.</p>
	<p>FUPBEZELFIX 911886 00735858219457 5032037016254 1</p>	<p>Pedestal Bezel (Fixed HDD version) (fits P4304 with fixed hard disks)</p>
	<p>FUPBEZELHSD 911896 00735858219464 5032037016261 1</p>	<p>Pedestal Bezel (HS HDD version) (fits P4304 with HS drive bays installed, version with door for drive bays)</p>
	<p>FUP4X35NHDK 912770 00735858219488 5032037016247 4</p>	<p>Fixed drive carrier for fixed Pedestal chassis (Fits P4304)</p>
 <p>For demo only</p>	<p>FUPSMK 912773 00735858219518 5032037016292 1</p>	<p>Chassis Maintenance kit for P4000S server chassis (Mechanical Spares Kit) Includes mechanical parts – including:</p> <ul style="list-style-type: none"> • IO Bracket (without knockouts) • IO Bracket (w/USB and D Sub knockout) • Baseboard Insulators – uATX and ATX • BBU Bracket • Intrusion Switch Bracket • CDROM Filler Panel • ODD latch w/2 screws • Rack Handles (set) • Fan Holder Assembly • CPU Ducts

 <p>For demo only</p>	<p>FUPSESK 912774 00735858219525 5032037016285 1</p>	<p>Chassis Maintenance kit for P4000S (Electrical Spare Kit) Includes:</p> <ul style="list-style-type: none"> • 1x Front Panel Cable, 920mm • 1x USB Cable, one 2x5 pin header to two USB type A female headers, 950mm • 1xintrusion cable, 200mm • 3x SATA power cables, one 4- pin ATX power header to 2 SATA power headers, 150mm • 1x SATA extend Cable, one right angle header to one vertical header, 600mm • 1xSGPIO Cable, one 5-pin header to one 5-pin header and one 4-pin header. • 1x I²C Cable, one 5-pin header to one 3 pin header, 600mm • 1xSATA power adaptor extend cable, 24-pin header to 24-pin header, 630mm
	<p>FUP4X35HSBP 913595 00735858220033 5032037019279 1</p>	<p>4 x 3.5" hard drive Hot Swap Backplane spare for P4304 Pedestal chassis</p>
	<p>FUP8X35HSBP 916353 00735858222792 5032037033480 1</p>	<p>Hot Swap Back Plane spare for 8x3.5" Drive Cage Kit FUP8X35HSDK for use with P4000 server chassis. Includes: (1) 3.5" backplane board</p>
	<p>AXXSATADVDROM 906872 937569* 00735858197663 1 (* New MM#, please refer to PCN# 113579-00)</p>	<p>Slimline SATA DVDROM Accessory</p>
	<p>AXXSATADVDRWROM 906873 937575* 00735858197670 1 (* New MM#, please refer to PCN# 113579-00)</p>	<p>Slim SATA DVD+/-RW ROM Accessory</p>
	<p>FPWRCABLENA 879287 00735858181129 1</p>	<p>North American Power Cord Spare</p>
 <p>For demo only</p>	<p>FR1000E3FAN 928726 00735858266949 5032037053624 2</p>	<p>R1000 Chassis Family Fan spare kit. (Replaces two fans in front of motherboard CPU socket)</p>
	<p>FR1000FAN 912799 1</p>	<p>R1000 Chassis Family Fan spare kit. (Replaces fan in front of PCI Slot)</p>


 <p>For demo only</p>		
	<p>FUPSNHFANE3 912772 00735858219501 5032037016308 1</p>	<p>92mm rear fan kit(1x92 mm fan, 1x rear vent cover) Spare for P4304 Pedestal* Chassis</p>
	<p>FXX1304HSBP 917420 00735858223126 5032037019323 1</p>	<p>Hot Swap Backplane spare for R1304 1U chassis</p>
	<p>F1U8X25HSBP 917977 735858241014 5032037035767</p>	<p>Hot swap backplane board spare for 1U 8x2.5" chassis (R1208 family)</p>
	<p>AS1200V3RPIOS 927354 735858267762 5032037054034 50</p>	<p>I/O Shield for Intel® S1200V3RP Server Boards Note: This product was EOLed, please refer to PCN113215-00</p>
	<p>AXXRPIOS 937292 00735858284967 5032037065252 10</p>	<p>I/O Shield for Intel® S1200V3RP Server Boards</p>
	<p>F1UE3PASSHS 928921 735858262538 5032037051767 1</p>	<p>Passive Heatsink Spare Includes: 1 passive heatsink and 1 Back Plate</p>

2.5 Power Sub-system Spares

Image	Product Code MM UPC	Description
	<p>FUP365SNRPS 911884 00735858219433 5032037016223 1</p>	<p>365W Pedestal Fixed PS Spare</p>

	<p>FX460GCRPS 915603 00735858235846 5032037030595 1</p>	<p>460W Cold Redundant Power Supply spare 80Plus Gold efficiency for P4000, R1000, and R2000 server chassis</p>
	<p>FUPPDBLC 916812 00735858238731 5032037033510 1</p>	<p>Power Distribution Board Spare (Low Current) for P4000 server chassis. Recommended to use with FX460GCRPS or FX750PCRPS power supplies.</p>
	<p>FR1000PS350 912801 00735858219853 5032037015769 1</p>	<p>350W Fixed PS Spare for Rack</p>
	<p>F1U450WPSU 921471 00735858247962 5032037042840 1</p>	<p>450W AC miniERP 80+ Gold efficiency power supply spare</p>
	<p>F1U450WPDB 921473 00735858247979 5032037042857 1</p>	<p>450W AC miniERP 80+ Gold efficiency power supply PDB and Cage spare</p>

2.6 Riser Spares and Accessories

Image	Product Code MM UPC EAN MOQ	Description
	<p>AXX1UPCIEX16 919808 00735858244534 5032037039109 1</p>	<p>1 slot PCI-e Riser. Riser provides: 1 full-size x16 physical x8 electrical slot</p>