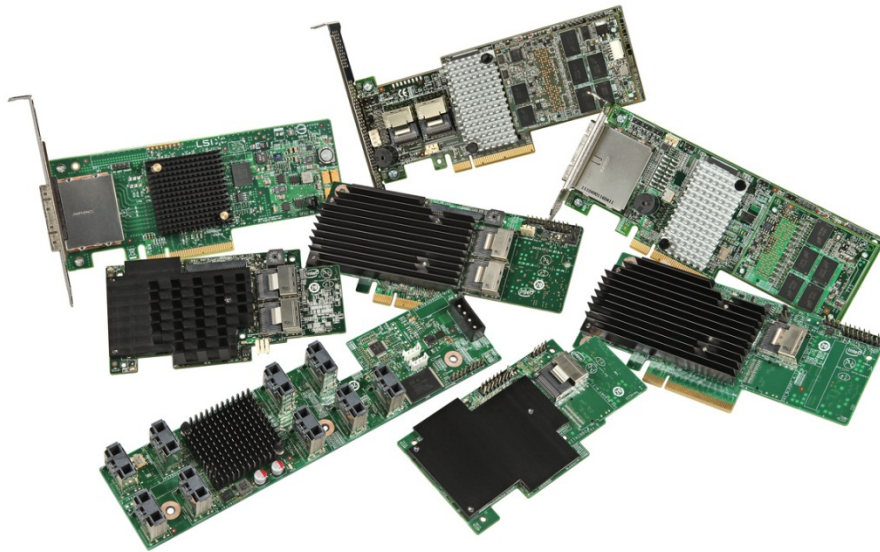


Intel® RAID RS2 and RS25 Family Products featuring 6Gb/s SAS and SATA Capability

Product List and Configuration Guide

A reference guide to assist customers in ordering RAID products.



Revision 1.1

April 2011

Enterprise Platforms and Services Marketing

Revision History

November `11 – Rev0.5 – First Revision.

November `11 – Rev0.7 – Added chip model for each controller and module. Added cable information.

December `11 – Rev1.0 – Initial public release.

April '11 – Rev 1.1 – Post modules for the Intel® Xeon® Server Board launch update

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1.1 Product Descriptions - Overview

Intel® 6Gb RAID Products. Including RAID controllers, modules and expanders. Customer orders an RAID solution validated across Intel server product line and perhaps a cable (see details below).

Intel's 6Gb/s SAS RAID cards have product names per the convention RS2XX##^ where:

- R = RAID (RM is used for RAID Modules and RE is used for RAID Expanders)
- S = SAS ("T" would be used for SATA)
- 2 = specification generation (25 is the second generation of SAS 2 products)
- XX = two letters representing the Intel code name (For example, DB = Delray Beach)
- ## = internal port count
- ^ = external port count

SAS/SATA cables are included in RS2 family products. However, cables are not included in RS25, RMS25 or RMT3 generation products. For these products, Intel has made two accessory SKUs available.

SAS expanders may ship with cables depending on the sku, please check below for details on cable inclusion information. Cables shipped with these products may not support every chassis/backplane configuration. Customers will need to verify the type of cable needed. If the product does not ship with the correct cable, customers can source a third party cable or order the correct Intel cable kit. Please check the Intel website or contact local Intel sales representative for additional information.

Batteries and Maintenance Free Backup Units are shipped as a kit which includes required cables and a retention bracket for remoting mounting in an Intel chassis.

1.2 RAID Controller Order Codes


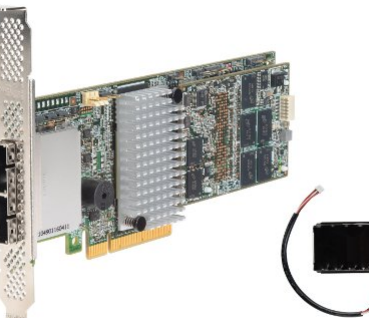


Image	Product Code MM UPC	Description	Minimum Order Quantity
	<p>RS25AB080 917136 00735858228626</p>	<p>Intel® RAID Controller RS25AB080 LSI* SAS2208 ROC 6Gb/s SAS/SATA, x8 PCIe 3.0 8 internal ports 1GB embedded memory Maintenance Free Backup Unit Included (NAND Flash + Supercap-based) MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included</p>	<p>5</p>
	<p>RS25SB008 917137 00735858228633</p>	<p>Intel® RAID Controller RS25SB008 LSI* SAS2208 ROC 6Gb/s SAS/SATA, x8 PCIe 3.0 8 external ports 1GB embedded memory Maintenance Free Backup Unit Included (NAND Flash + Supercap-based) MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included</p>	<p>5</p>
	<p>RS25NB008 912859 00735858222594</p>	<p>Intel® RAID Controller RS25NB008 LSI* SAS2208 ROC 6Gb/s SAS/SATA, x8 PCIe 3.0 8 external ports 1GB embedded memory MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included</p> <p>RS25NB008 Compatible Matrix</p>	<p>5</p>
	<p>RS2VB080 911120 00735858218047</p>	<p>Intel® RAID Controller RS2VB080 LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 8 internal ports 512MB embedded memory MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Two MS to 7pin SATA cables included</p> <p>RS2VB080 Compatible Matrix</p>	<p>5</p>




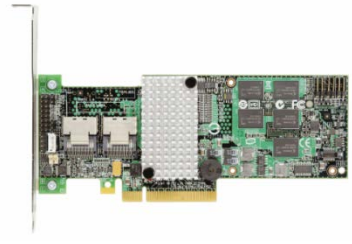

Image	Product Code MM UPC	Description	Minimum Order Quantity
	RS2VB040 911498 00735858218054	Intel® RAID Controller RS2VB040 LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 4 internal ports 512MB embedded memory MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported one MS to 7pin SATA cable included RS2VB040 Compatible Matrix	5
	RS25GB008 912866 00735858219877	Intel® RAID Controller RS25GB008 LSI* SAS2308 Processor Chip 6Gb/s SAS/SATA, x8 PCIe 3.0 8 external ports No embedded memory MD2 Low Profile, half length form factor. Support IT mode only Cables are not included RS25GB008 Compatible Matrix	5
	RS25DB080 912863 00735858219884	Intel® RAID Controller RS25DB080 LSI* SAS2208 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0/3.0 8 internal ports 1GB embedded memory MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included RS25DB080 Compatible Matrix	5
	RT3WB080 911121 00735858217859	Intel® RAID Controller RT3WB080 LSI* SAS2108 ROC 6Gb/s SATA, x8 PCIe 2.0 8 internal ports 256MB embedded memory MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included RT3WB080 Compatible Matrix	5
	RS2SG244 904995 00735858213042	Intel® RAID Controller RS2SG244 LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 24 internal ports and 4 external ports 512MB embedded memory Full Height, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported MS to MS cables included RS2SG244 Compatible Matrix	1


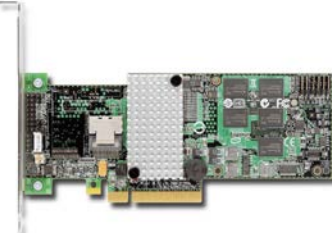

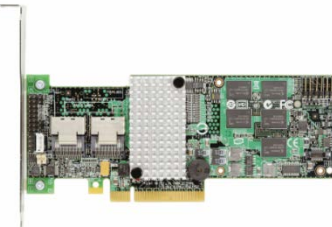
Image	Product Code MM UPC	Description	Minimum Order Quantity
	RS2WG160 904994 00735858213035	Intel® RAID Controller RS2WG160 LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 16 internal ports 512MB embedded memory Full Height, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported MS to MS cables included RS2WG160 Compatible Matrix	1
	RS2BL040 903494 00735858211239	Intel® RAID Controller RS2BL040 LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 4 internal ports 512MB embedded memory MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported One MS to 7pin SATA cable included RS2BL040 Compatible Matrix	5
	RS2BL080 903493 00735858210140	Intel® RAID Controller RS2BL080 LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 8 internal ports 512MB embedded memory MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Two MS to 7pin SATA cable included RS2BL080 Compatible Matrix	5
	RS2BL080DE 903497 00735858211246	Intel® RAID Controller RS2BL080 “DE” (RS2BL080 supporting Disk Encryption) LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 8 internal ports 512MB embedded memory MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,6,50,60 Provides key and management for Self- Encrypting Disks. RAID Premium Feature Key supported Two MS to 7pin SATA cable included RS2BL080DE Compatible Matrix	5







Image	Product Code MM UPC	Description	Minimum Order Quantity
	RS2BL080SNGL 907739 00735858214742	Intel® RAID Controller RS2BL080 “SNGL” (Single pack with distributor MOQ of 1 unite) LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 8 internal ports 512MB embedded memory MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Two MS to 7pin SATA cable included RS2BL080SNGL Compatible Matrix	1
	RS2MB044 904993 00735858213028	Intel® RAID Controller RS2MB044 LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 4 internal ports and 4 external ports 512MB embedded memory MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported One MS to 7pin SATA cable included RS2MB044 Compatible Matrix	5
	RS2PI008 903492 00735858211222	Intel® RAID Controller RS2PI008 LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 8 external ports 512MB embedded memory MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included RS2PI008 Compatible Matrix	5
	RS2PI008DE 904919 00735858212878	Intel® RAID Controller RS2PI008 “DE” (RS2PI008 supporting Disk Encryption) LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 8 external ports 512MB embedded memory MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included RS2PI008DE Compatible Matrix	5

Image	Product Code MM UPC	Description	Minimum Order Quantity
	RS2WC080 903495 00735858211215	Intel® RAID Controller RS2WC080 LSI* SAS2008 Processor Chip 6Gb/s SAS/SATA, x8 PCIe 2.0 8 internal ports 2MB Context, no BBU option MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,50 Two MS to 7pin SATA cable included RS2WC080 Compatible Matrix	5
	RS2WC040 903496 00735858211253	Intel® RAID Controller RS2WC040 LSI* SAS2008 Processor Chip 6Gb/s SAS/SATA, x8 PCIe 2.0 4 internal ports 2MB Context, no BBU option MD2 Low Profile, half length form factor. Support RAID 0,1,10,5,50 one MS to 7pin SATA cable included RS2WC040 Compatible Matrix	5

1.3 Intel® Integrated RAID Order Codes

1.3.1 New Intel® Xeon® E5 Generation Server Board Modules


Image	Product Code MM UPC	Description	Minimum Order Quantity
 preliminary	RMS25PB080 917056	Intel® Integrated RAID Module RMS25PB080 LSI* SAS2208 ROC 6Gb/s SAS/SATA, x8 PCIe 3.0 8 internal ports 1GB embedded memory MD2 Low Profile, half length form factor Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included RMS25PB080 Compatible Matrix	5





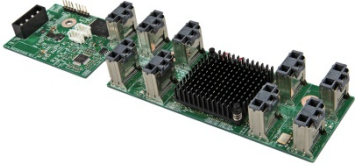
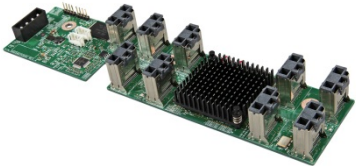


Image	Product Code MM UPC	Description	Minimum Order Quantity
 <p>preliminary</p>	<p>RMS25PB040 917078</p>	<p>Intel® Integrated RAID Module RMS25PB040 LSI* SAS2208 ROC 6Gb/s SAS/SATA, x8 PCIe 3.0 4 internal ports 1GB embedded memory MD2 Low Profile, half length form factor Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included</p> <p>RMS25PB040 Compatible Matrix</p>	<p>5</p>
 <p>preliminary</p>	<p>RMT3PB080 917079</p>	<p>Intel® Integrated RAID Module RMT3PB080 LSI* SAS2208 ROC 6Gb/s SATA, x8 PCIe 3.0 8 internal ports 512MB embedded memory MD2 Low Profile, half length form factor Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included</p> <p>RMT3PB080 Compatible Matrix</p>	<p>5</p>
 <p>preliminary</p>	<p>RMS25CB080 917084</p>	<p>Intel® Integrated RAID Module RMS25CB080 LSI* SAS2208 ROC 6Gb/s SAS/SATA, x8 PCIe 3.0 8 internal ports 1GB embedded memory Require one 80-pins on-board module connector Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included</p> <p>RMS25CB080 Compatible Matrix</p>	<p>5</p>
 <p>preliminary</p>	<p>RMS25CB040 917085</p>	<p>Intel® Integrated RAID Module RMS25CB040 LSI* SAS2208 ROC 6Gb/s SAS/SATA, x8 PCIe 3.0 4 internal ports 1GB embedded memory Require one 80-pins on-board module connector Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included</p> <p>RMS25CB040 Compatible Matrix</p>	<p>5</p>

Image	Product Code MM UPC	Description	Minimum Order Quantity
 <p>preliminary</p>	<p>RMT3CB080 917086</p>	<p>Intel® Integrated RAID Module RMT3CB080 LSI* SAS2208 ROC 6Gb/s SAS/SATA, x8 PCIe 3.0 4 internal ports 512MB embedded memory Require one 80-pins on-board module connector Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included</p> <p>RMS25CB040 Compatible Matrix</p>	<p>5</p>
 <p>preliminary</p>	<p>RMS25KB080 917089</p>	<p>Intel® Integrated RAID Module RMS25KB080 LSI* SAS2308 Processor Chip 6Gb/s SAS/SATA, x8 PCIe 3.0 8 internal ports 32KB Context, no BBU option MD2 Low Profile, half length form factor Support RAID 0,1,10,1E Cables are not included</p> <p>RMS25KB080 Compatible Matrix</p>	<p>5</p>
 <p>preliminary</p>	<p>RMS25KB040 917090</p>	<p>Intel® Integrated RAID Module RMS25KB040 LSI* SAS2308 Processor Chip 6Gb/s SAS/SATA, x8 PCIe 3.0 4 internal ports 32KB Context, no BBU option MD2 Low Profile, half length form factor Support RAID 0,1,10,1E Cables are not included</p> <p>RMS25KB040 Compatible Matrix</p>	<p>5</p>
 <p>preliminary</p>	<p>RMS25JB080 917087</p>	<p>Intel® Integrated RAID Module RMS25JB080 LSI* SAS2308 Processor Chip 6Gb/s SAS/SATA, x8 PCIe 3.0 8 internal ports 32KB Context, no BBU option Require one 80-pins on-board module connector Support RAID 0,1,10,1E Cables are not included</p> <p>RMS25JB080 Compatible Matrix</p>	<p>5</p>
 <p>preliminary</p>	<p>RMS25JB040 917088</p>	<p>Intel® Integrated RAID Module RMS25JB040 LSI* SAS2308 Processor Chip 6Gb/s SAS/SATA, x8 PCIe 3.0 4 internal ports 32KB Context, no BBU option Require one 80-pins on-board module connector Support RAID 0,1,10,1E Cables are not included</p> <p>RMS25JB040 Compatible Matrix</p>	<p>5</p>





1.3.2 Other Shipping Modules

Image	Product Code MM UPC	Description	Minimum Order Quantity
	<p>AXXRMS2MH080 907847 00735858215619</p>	<p>Intel® Integrated RAID Module RMS2MH080 LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 8 internal ports 512MB embedded memory Require two 50-pins on-board module connector Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Two MS to 7pin SATA cables included</p> <p>RMS2MH080 Compatible Matrix</p>	5
	<p>AXXRMS2AF080 907853 00735858215732</p>	<p>Intel® Integrated RAID Module RMS2AF080 LSI* SAS2008 Processor Chip 6Gb/s SAS/SATA, x4 PCIe 2.0 8 internal ports 2MB Context, no BBU option Require one 50-pins on-board module connector Support 0,1,10,5,50Eight SATA cables included</p> <p>RMS2AF080 Compatible Matrix</p>	5
	<p>AXXRMS2AF040 907854 00735858215756</p>	<p>Intel® Integrated RAID Module RMS2AF040 LSI* SAS2008 Processor Chip 6Gb/s SAS/SATA, x4 PCIe 2.0 4 internal ports 2MB Context, no BBU option Require one 50-pins on-board module connector Support 0,1,10,5,50 Four SATA cables included</p> <p>RMS2AF040 Compatible Matrix</p>	5
	<p>AXXRMS2LL080 907855 00735858215749</p>	<p>Intel® Integrated RAID Module RMS2LL080 LSI* SAS2008 Processor Chip 6Gb/s SAS/SATA, x4 PCIe 2.0 8 internal ports 2MB Context, no BBU option Require one 50-pins on-board module connector Support 0,1, 1E Eight SATA cables included</p> <p>RMS2LL080 Compatible Matrix</p>	5
	<p>AXXRMS2LL040 907856 00735858215763</p>	<p>Intel® Integrated RAID Module RMS2LL040 LSI* SAS2008 Processor Chip 6Gb/s SAS/SATA, x4 PCIe 2.0 8 internal ports 2MB Context, no BBU option Require one 50-pins on-board module connector Support 0,1, 1E Four SATA cables included</p> <p>RMS2LL040 Compatible Matrix</p>	5

RAID Expander Order Codes

Image	Product Code MM UPC	Description	Minimum Order Quantity
	<p>RES2CV360 918935</p>	<p>Intel® RAID Expander RES2CV360 6Gb/s SAS/SATA 4 ports in, 32 ports out or 8 ports in, 28 ports out Powered source: standard 4-pin connector from power supply No cables included</p> <p>RES2CV360 Compatible Matrix</p>	<p>5</p>
 <p>preliminary</p>	<p>RES2CV240 918934</p>	<p>Intel® RAID Expander RES2CV240 6Gb/s SAS/SATA 4 ports in, 20 ports out or 8 ports in, 16 ports out Powered source: standard 4-pin connector from power supply No cables included</p> <p>RES2CV240 Compatible Matrix</p>	<p>5</p>
	<p>RES2SV240 908137 00735858216289</p>	<p>Intel® RAID Expander RES2SV240 6Gb/s SAS/SATA 4 ports in, 20 ports out or 8 ports in, 16 ports out MD2 Low Profile, half length form factor. Powered source: either PCIe Slot or standard 4-pin connector from power supply Six MS to MS cables included</p> <p>RES2SV240 Compatible Matrix</p>	<p>5</p>
	<p>RES2SV240NC 915431 00735858221375</p>	<p>Intel® RAID Expander RES2SV240 “NC” (RES2SV240 shipped without cables) 6Gb/s SAS/SATA 4 ports in, 20 ports out or 8 ports in, 16 ports out MD2 Low Profile, half length form factor. Powered source: either PCIe Slot or standard 4-pin connector from power supply No cables included</p> <p>RES2SV240NC Compatible Matrix</p>	<p>5</p>

1.4 Backup Units

Image	Product Code MM UPC	Description	Minimum Order Quantity
	AXXRMFBU2 919876 00735858244541	Intel® RAID Maintenance Free Backup Unit AXXRMFBU2 for use with Intel® Integrated RAID Module	5
	AXXRSBBU9 914238 00735858220286	Intel® RAID Smart Battery Backup module for use with Intel® Integrated Server RAID	5
	AXXRSBBU8 909893 00735858217620	Intel® RAID Smart Battery Backup module for use with Intel® Integrated Server RAID	5
	AXXRSBBU7 903148 00735858210676	Intel® RAID Smart Battery Backup module for use with Intel® Integrated Server RAID	5

1.5 RAID Premium Feature Key




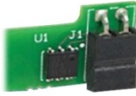
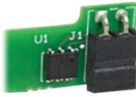
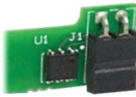

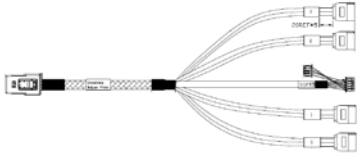
Image	Product Code MM UPC	Description	Minimum Order Quantity
	AXXRPFKSNSH 907051 00735858214377	Intel® RAID Rapid Recovery Snapshot See compatibility matrix below	5
	AXXRPFKDE 907050 00735858214360	Intel® RAID Drive Encryption Management See compatibility matrix below	5
	AXXRPFKSSD 918399 00735858214353	Intel® RAID SSD Cache with Fast Path *I/O See compatibility matrix below	5

Image	Product Code MM UPC	Description	Minimum Order Quantity
	AXXRPFKSNSH2 915318 00735858221481	Intel® RAID Rapid Recovery Snapshot See compatibility matrix below	5
	AXXRPFKDE2 915317 00735858221474	Intel® RAID Drive Encryption Management See compatibility matrix below	5
	AXXRPFKSSD2 915316 00735858221467	Intel® RAID SSD Cache with Fast Path *I/O See compatibility matrix below	5

1.6 Cables

Image	Product Code MM UPC	Description	Minimum Order Quantity
	AXXCBL650MSMS 918376 00735858224444	Each set provides two 650mm cables with four port mini-SAS 8087 connectors on both ends. The 8-pin side-band SGPIO physical connection is embedded.	10
	AXXCBL740MS7P 914239 00735858220743	Each set provides two 740mm cables with a four port Mini-SAS 8087 connector on one end and four 7-pin SATA style pins on the other end. The 8-pin side-band SGPIO cable with a "Y type" header (one with 4-pin and one with 5-pin) is included.	10

Note: For more cabling information, refer to *C200 C600 Enclosure Management Cabling Guide* available at <http://www.intel.com/support>.

1.7 RAID Product Compatible Matrix

Note: For the latest support information, refer to *Tested Hardware and Operating System List (THOL)* of each RAID product available at <http://www.intel.com/support>.

Product Code	Recommend Server Boards and Systems	Supported RAID Premium Feature Key	Supported Backup Unit
RS25NB008	Intel® Xeon® 5500/5600 Series & Intel® Xeon® E5 Series. See specific server board for compatibility information.	AXXRPFKSNH2 AXXRPFKDE2 AXXRPFKSSD2	AXXRSBBU9
RS2VB080 RS2VB040	Intel® Xeon® 5500/5600 Series & Intel® Xeon® E5 Series. See specific server board for compatibility information.	AXXRPFKSNH AXXRPFKDE AXXRPFKSSD	Shipped with Intel® Maintenance Free Backup Unit
RS25GB008	Intel® Xeon® 5500/5600 Series & Intel® Xeon® E5 Series. See specific server board for compatibility information.	NA	NA
RS25DB080	Intel® Xeon® 5500/5600 Series & Intel® Xeon® E5 Series. See specific server board for compatibility information.	AXXRPFKSNH2 AXXRPFKDE2 AXXRPFKSSD2	AXXRSBBU9
RT3WB080	Intel® Xeon® 5500/5600 Series & Intel® Xeon® E5 Series. See specific server board for compatibility information.	AXXRPFKSNH AXXRPFKDE AXXRPFKSSD	AXXRSBBU7 AXXRSBBU8
RS2SG244	Intel® Xeon® 5500/5600 Series & Intel® Xeon® E5 Series. See specific server board for compatibility information.	AXXRPFKSNH AXXRPFKDE AXXRPFKSSD	AXXRSBBU7 AXXRSBBU8
RS2WG160	Intel® Xeon® 5500/5600 Series & Intel® Xeon® E5 Series. See specific server board for compatibility information.	AXXRPFKSNH AXXRPFKDE AXXRPFKSSD	AXXRSBBU7 AXXRSBBU8
RS2BL040	Intel® Xeon® 5500/5600 Series & Intel® Xeon® E5 Series. See specific server board for compatibility information.	AXXRPFKSNH AXXRPFKDE AXXRPFKSSD	AXXRSBBU7 AXXRSBBU8
RS2BL080 RS2BL080DE RS2BL080SNGL	Intel® Xeon® 5500/5600 Series & Intel® Xeon® E5 Series. See specific server board for compatibility information.	AXXRPFKSNH AXXRPFKDE AXXRPFKSSD	AXXRSBBU7 AXXRSBBU8

Product Code	Recommend Server Boards and Systems	Supported RAID Premium Feature Key	Supported Backup Unit
RS2MB044	Intel® Xeon® 5500/5600 Series & Intel® Xeon® E5 Series. See specific server board for compatibility information.	AXXRPFKNSH AXXRPFKDE AXXRPFKSSD	AXXRSBBU7 AXXRSBBU8
RS2PI008 RS2PI008DE	Intel® Xeon® 5500/5600 Series & Intel® Xeon® E5 Series. See specific server board for compatibility information.	AXXRPFKNSH AXXRPFKDE AXXRPFKSSD	AXXRSBBU7 AXXRSBBU8
RS2WC080 RS2WC040	Intel® Xeon® 5500/5600 Series & Intel® Xeon® E5 Series. See specific server board for compatibility information.	NA	NA
RMS25PB080 RMS25PB040 RMT3PB080 (Module)	Intel® Xeon® E5 Server Boards only. Uses PCIe slot.	AXXRPFKNSH2 AXXRPFKDE2 AXXRPFKSSD2	AXXRSBBU9 AXXRMFBU2
RMS25CB080 RMS25CB040 RMT3CB080 (Module)	Intel® Xeon® E5 Server Boards with a Storage I/O Module connector.	AXXRPFKNSH2 AXXRPFKDE2 AXXRPFKSSD2	AXXRSBBU9 AXXRMFBU2
RMS25KB080 RMS25KB040 (Module)	Intel® Xeon® E5 Server Boards only. Uses PCIe slot.	NA	NA
RMS25JB080 RMS25JB040 (Module)	TBD Intel® Xeon® E5 Server Boards with a Storage I/O Module connector.	NA	NA
RMS2MH080 (Module)	S5520UR S5500WB	AXXRPFKNSH AXXRPFKDE AXXRPFKSSD	AXXRSBBU7 AXXRSBBU8
RMS2AF080 RMS2AF040 (Module)	S5520UR S5500WB S5520HC/HCT S5520HCV S5520SC S3420GP S1200BTL S1200BTS	NA	NA

Product Code	Recommend Server Boards and Systems	Supported RAID Premium Feature Key	Supported Backup Unit
RMS2LL080 RMS2LL040 (Module)	S5520UR S5500WB S5520HC/HCT S5520HCV S5520SC S3420GP S1200BTL S1200BTS	NA	NA

1.8 Expander Compatible Matrix

Product Code	Supported RAID Controller
RES2SV240 RES2SV240NC	RMS2MH080 RMS2AF040 RMS2LL040 RS2BL080 RS2BL040 RS2BL080DE RS2MB044 RS2WC080 RS2WC040 SROMBSASMR (3Gb RAID module)
RES2CV240 RES2CV360	RMS25PB080 RMS25PB040 RMS25CB080 RMS25CB040