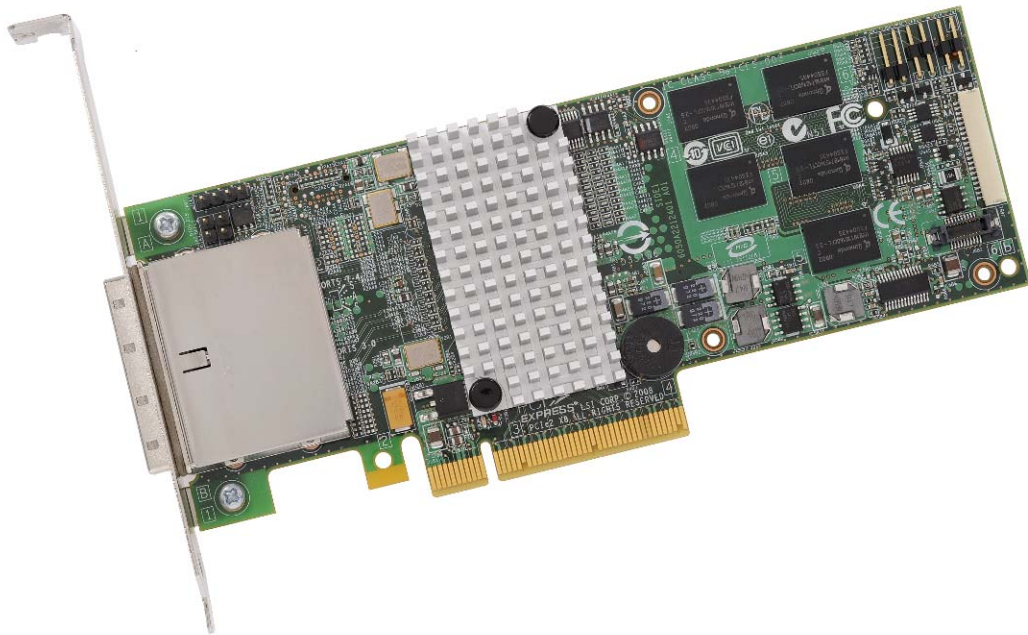# Intel® RAID Controller RS2PI008 Configuration Guide

All Items Subject to Change

A reference guide to assist customers in ordering components to install a storage solution based on Intel® RAID Controller RS2PI008

Revision 1.0

August 2009

Enterprise Platforms and Services Marketing

1.   Table of Contents

2.   Revision History

Date	Rev	Modification
Aug 26, 2009	1	First Published Document

3.   Legal Disclaimer

4. RAID Controller and Accessory Ordering Information

4.1 Table 1: RAID Controllers

Image	MM / UPC	Product Code	Description of Product	Qty Per	Min Order
	903492 00735858 211222	RS2PI008	Intel® RAID Controller RS2PI008 - 6Gb/s SAS, 3Gb/S SAS/SATA, x8 PCIe 2.0, 8 external ports, 512MB embedded memory, MD2 Low Profile, half length form factor. Includes Quick Start Users Guide, and CD ROM with technical documentation and software.	5	5
	TBD	RS2PI008DE	Intel® RAID Controller RS2PI008 "DE" model (indicating Disk Encryption support) - 6Gb/s SAS, 3Gb/S SAS/SATA, x8 PCIe 2.0, 8 external ports, 512MB embedded memory, MD2 Low Profile, half length form factor. Provides key and management for Self-Encrypting Disks. Includes Quick Start Users Guide, and CD ROM with technical documentation and software.	5	5

4.2 Table 2: Accessories

Image	MM / UPC	Product Code	Description of Product	Qty Per	Min Order
Same as below with cable and remote mounting kit (image not available)	903148 00735858 210676	AXXRSBBU7	Intel® RAID Smart Battery AXXRSBBU7, optional battery back up for use with Intel's 6G SAS RAID add-in cards. Provides 72 hours of cache data retention. Includes remote mounting kit.	5	5
	903767	AXXRSBBU7D10	Intel® RAID Smart Battery AXXRSBBU7 direct attach 10 pack includes 10 BBU and hardware for direct mounting 10 units. Provides optional battery backup for up to 72 hours of cache data retention.	10	10

5.   Naming Convention

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

R = RAID

S = SAS T = SATA

2 = specification generation

XX = two letters representing the Intel code name (For example, PI = Puget Island)

= internal port count

^ = external port count

6.   JBOD/Solution Guidance

Intel is continually testing JBOD to ensure compatibility with Intel® RAID Controller RS2PI008. For the latest list, please visit the RRSPI008 section of http://support.intel.com.

For information on performance, integration and deployment of Intel RAID, see **http://www.intel.com/go/RAID**.