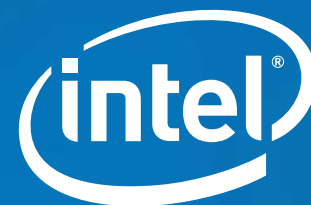


Spring/Summer 2009



Enhance Performance and Protect Business Continuity with Intel® RAID Products

Intel® RAID Controllers, powered by LSI MegaRAID* technology, simplify data protection for Intel® server boards and systems. Designed with world-class technology, Intel® RAID delivers extremely fast read-and-write performance. In addition, the thousands of hours dedicated to validation ensure that by using Intel RAID, you can have added confidence in the overall solution.



Intel RAID products complement your servers with features that include new RAID-On-Chip technology, high-speed cache, and advanced data-protection algorithms to offer the benefits of high performance and outstanding availability. A single Web-based user interface supports all Intel products, providing excellent ease of use, a seamless integration path, and reduced customization time. And because Intel RAID products are aligned with the rest of the Intel product roadmap, you can depend on robust validation and testing with the latest platform technologies, available when new processors are introduced. Targeted training as well as Intel service and support makes Intel the ideal source for customers seeking data protection, increased productivity, and simplified IT.

Intel® RAID Controllers Safeguard Your Data with LSI MegaRAID* Technology

Intel RAID solutions are tailored to the technology and budget requirements of a specific server deployment with three distinct families of Intel RAID products.

Intel® Embedded Server RAID Technology II

This low cost, basic RAID solution comes standard on all Intel® Xeon® processor 5000 sequence-based server boards.

- Host-based RAID 0/1/10 is included with Intel server boards and systems; RAID 5 upgrade available with Activation Key AXXRAKSW5
- Entry-level hardware RAID 0/1/1E with select products



Intel® Integrated Server RAID

Unique system boards that provide a high-value alternative to standard RAID add-in cards for Intel server boards and systems.

- Includes Intel Embedded Server RAID Technology (described above) standard for SAS or SATA with most products
- Fully featured hardware RAID 0/1/5/6/10/50/60 is available as an easy upgrade with a RAID activation key¹



Intel® RAID Controllers

Traditional add-in cards designed with form factors and features that range from entry-level to highly scalable performance. RAID-On-Chip technology delivers excellent data checking, protection, and restoration capabilities for server, storage, and workstation applications.

- All key RAID levels, including RAID 6 and 60, available on most products¹
- Up to 16 SAS/SATA ports



Intel Offers a Broad Choice of RAID Controllers, Whatever Your Requirements

Choose the PCI Express* add-in RAID card from Intel—powered by LSI MegaRAID* Technology—that delivers the right features for your data-protection needs. Intel RAID controllers support all key RAID levels, including RAID 6 and 60,¹ to maintain data integrity even if two drives fail simultaneously.



Intel® Integrated RAID Module SROMSASMR

Four-port internal RAID module for use with server boards S5520HC, S5520UR and S5500WB in all form factors, including 1U/2U, without the need for a riser card or low-profile chassis cutout.



Intel® RAID Controller SRCASJV

With 8 flexible/multiplexed SAS/SATA ports, large upgradable memory, and multiple battery options for exceptional performance and flexibility.



Intel® RAID Controller SRCASPH16I

With 16 SAS/SATA ports, an inexpensive hardware RAID solution for chassis with high numbers of 2.5-inch or 3.5-inch hard disk drives.



Intel® RAID Controller SRCASBB8I

With 8 SAS/SATA ports and an MD2-compliant low-profile half-length size, a mainstream hardware RAID solution for a variety of system layouts and main board form factors.



Intel® RAID Controller SRCASRB

With 8 SAS/SATA ports, a mainstream hardware RAID for high-value solutions.



Intel® RAID Controller SRCSATAWB

With 8 SATA ports and expander backplane support, offers support for up to 16 SATA drives in high-value solutions.



Intel® RAID Controller SRCSASLS4I

With 4 SAS/SATA ports and support for up to 16 physical devices, the best value for customers using expander backplanes.



Intel® RAID Controller SASMF8I

With 8 SAS/SATA ports and Intel® Embedded RAID Technology, Intel's lowest priced RAID 5-capable add-in card option.



Intel® RAID Controller SASUC8I

With 8 SAS/SATA ports, pass-through SAS, and entry-level hardware RAID 0/1/1E, an excellent low cost alternative to software RAID.



Intel® RAID Controller SASWT4I

With 4 SAS/SATA ports and entry-level hardware RAID 0/1/1E, an excellent choice for inexpensive mirroring of data across a small number of hard disk drives.



Intel® 6G SAS RAID Controllers with SAS-2 Features

Intel will be upgrading and expanding its RAID portfolio with 6G SAS products in the second half of 2009. Intel's 6G SAS products will offer new features and significant performance enhancements for systems built with 3G or 6G drives.

Intel® RAID Controllers Features and Benefits

	Max Drives	Ports	Cache Memory	PCI Express* Interface	Backup Battery	Form Factor	RAID Levels
Intel® Integrated RAID Module SR0MBSASMR	16	4 internal SAS/SATA	128 MB Embedded	x4	AXXROMBSASMR AXXRSBBU3	1U capable system board	0, 1, 10, 5, 6, 50, 60
Intel® RAID Controller SRCASJY	240	8 flexible (8i, 8e, 4i+4e) SAS/SATA	512 MB included. Up to 1 GB	x8	AXXRSBBU3 AXXRPCM3	Low Profile	0, 1, 10, 5, 6, 50, 60
Intel RAID Controller SRCASPH16I	122	16 internal SAS/SATA	256 MB Embedded	x8	AXXRSBBU3	Full-Height	0, 1, 10, 5, 6, 50, 60
Intel RAID Controller SRCASBB8I	32	8 internal SAS/SATA	256 MB Embedded	x8	AXXRSBBU6	Low Profile, MD2	0, 1, 10, 5, 6, 50, 60
Intel RAID Controller SRCASRB	32	8 internal SAS/SATA	256 MB Embedded	x4	AXXRSBBU4	Low Profile	0, 1, 10, 5, 6, 50, 60
Intel RAID Controller SRCATAWB	16	8 internal SATA only	128 MB Embedded	x4	AXXRSBBU4	Low Profile	0, 1, 10, 5, 6, 50, 60
Intel RAID Controller SRCASLS4I	16	4 internal SAS/SATA	128 MB Embedded	x8	AXXRSBBU6	Low Profile, MD2	0, 1, 10, 5, 6, 50, 60
Intel RAID Controller SASMF8I	8	8 internal SAS/SATA	none	x4	no	Low Profile	0, 1, 10, 5
Intel RAID Controller SASUC8I	122 (SAS)/ 14 (RAID)	8 internal SAS/SATA	none	x4	no	Low Profile	0, 1, and 1E/10E
Intel RAID Controller SASWT4I	122 (SAS)/ 14 (RAID)	4 internal SAS/SATA	none	x4	no	Low Profile	0, 1, and 1E/10E
Intel 6G SAS RAID Controllers	Intel's 6G SAS products, launching in 2H '09, will offer superior performance and new features including SAS-2 capabilities and native PCI Express* Gen 2 support.						

TAKE THE NEXT STEP

For more information on Intel® RAID Controllers, visit: www.intel.com/go/RAID

For more information on how to make Intel® RAID Controllers part of your server environment, please contact an Intel® Channel Partner Program participant.



¹ RAID level support may vary by product. Please see www.intel.com for details on each model.

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