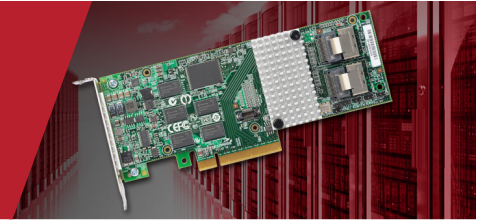


MegaRAID® SAS 9261-8i

Eight-Port 6Gb/s PCI Express SATA+SAS RAID Controller



Key Features

- Eight internal 6Gb/s SATA+SAS ports
- Two Mini-SAS internal connectors (SFF-8087)
 - Horizontal mount
- LSI SAS 2108 6Gb/s RAID-on-Chip
 - 800MHz PowerPC®
- 512MB 800MHz DDRII cache memory
- Optional battery backup module
- RAID Levels 0, 1, 5 and 6
- RAID Spans 10, 50 and 60

Key Advantages

- 6Gb/s SAS for superior levels of RAID performance
- PCI Express® 2.0 provides faster signaling for high-bandwidth applications
- Support for 3Gb/s and 6Gb/s SATA and SAS hard drives
- SafeStore™ Encryption Services for more secure data protection

Typical Applications

- Video-On-Demand
- Video-Surveillance
- Video Creation + Editing
- Medical Imaging
- High-Performance Computing
- Digital Content Archive and VTL
- Storage Appliance
- File, Web, Database, and Email Servers

Protect Business Critical Data with the Industry's Most Trusted SATA+SAS RAID Controllers

Next-Generation SATA+SAS RAID

MegaRAID SATA+SAS controllers provide a new level of reliability, availability, and performance to businesses that are facing storage challenges driven by unprecedented data growth. With data transfer rates of up to 6Gb/s per port, the MegaRAID SAS 9261-8i brings users new features and improved performance, while continuing to support all the features of the previous 3Gb/s SATA+SAS generation. This MegaRAID value line controller, ideal for inside-the-box connectivity, employs the latest in RAID-on-Chip technology, complies with the PCI Express 2.0 specification, and provides additional data security using SafeStore™ Encryption Services.

6Gb/s SAS Performance Advantage

With data transfer rates of up to 6Gb/s per port, the MegaRAID SAS 9261-8i bring users new features and improved performance, while continuing to support all the features of the previous 3Gb/s SATA+SAS generation. 6Gb/s SAS is designed for backward compatibility with 3Gb/s SAS as well as with 6Gb/s and 3Gb/s SATA hard drives. Regardless of the drive speed, 6Gb/s MegaRAID controllers will deliver significant performance improvements in both read and write applications as compared to their 3Gb/s predecessors.

SafeStore Encryption Services

Avago is pleased to introduce SafeStore Encryption Services, which include Instant Secure Erase for self-encrypting drives (SEDs). This technology represents a significant step forward in securing a drive's data from any unauthorized access or modification resulting from theft, loss, or repurposing of drives. Instant secure provides instant data protection via cryptographic erase. Whether the drive is 73GB or 1TB, this feature will delete the existing encryption key and regenerate a new data encryption key in less than a second, enabling drives to be returned, retired, sold or reused securely.

Intuitive RAID Management Utility

The MegaRAID Management Suite™ provides the essential software tools to efficiently manage MegaRAID products, whether deployed in an enterprise or small business. Avago offers a collection of applications and tools including a pre-boot setup utility and a full spectrum of online RAID management utilities. This suite of applications allow administrators to adjust SAS topology views from the system host, controller and disk enclosure down to the logical and physical drive level. Extending to enterprise deployments, these tools scale to easily configure, monitor and manage RAID volumes locally or over the LAN network.

| LSI MegaRAID® SAS 9261-8i | |
|-----------------------------------|--|
| Solution Provided | Eight-port internal SATA+SAS solution for high-density servers and workstations using up to 128 SATA and/or SAS drives |
| Physical Dimensions | MD2 Low profile (6.6" X 2.536") |
| Internal Connectors | Two Mini-SAS SFF8087 4i internal connectors (horizontal) |
| Device Support | Up to 128 SAS and/or SATA hard drives |
| Host Bus Type | x8 lane PCI Express 2.0 Compliant |
| Data Transfer Rates | Up to 6Gb/s per port |
| I/O Processor/SAS Controller | LSI SAS 2108 RAID-on-Chip (ROC) |
| Cache Memory | 512MB 800MHz DDR II SDRAM |
| Battery Backup Unit | LSiBBU07, an intelligent battery backup module option that directly connects to the adapter |
| Key RAID Data Protection Features | <ul style="list-style-type: none"> • RAID levels 0, 1, 5, and 6 • RAID spans 10, 50 and 60 • Online Capacity Expansion (OCE) • Online RAID Level Migration (RLM) • Auto resume after loss of system power during array rebuild or reconstruction (RLM) • Single controller Multipathing (failover) • Load Balancing • Configurable stripe size up to 1MB • Fast initialization for quick array setup • Check Consistency for background data integrity • SafeStore Encryption Services <ul style="list-style-type: none"> – Instant Secure Erase • SSD Support with SSD Guard™ • Patrol read for media scanning and repairing • 64 logical drive support • DDF compliant Configuration on Disk (COD) • S.M.A.R.T support • Global and dedicated Hot Spare with Revertible Hot Spare support <ul style="list-style-type: none"> – Automatic rebuild – Enclosure affinity – Emergency SATA hot spare for SAS arrays • Enclosure management <ul style="list-style-type: none"> – SES (inband) – SGPIO (sideband) |
| Operating Temperature | Maximum ambient: 60°C (44.5°C w/iBBU) |
| Operating Voltage | +3.3V |
| Hardware Warranty | 3 years, free advanced technical support, advanced replacement option |
| Regulatory Certifications | EN55022, EN55024, EN60950, EN 61000-3-2, EN 61000-3-3; FCC Class A, Class B; UL1950; UL; CSA C22.2; VCCI; RRL for MIC; BSMI; C-tick |
| RAID Management | MegaRAID Management Suite <ul style="list-style-type: none"> • MegaRAID Storage Manager • MegaCLI (command-line interface) • WebBIOS |
| OS Support | Extensive support includes Microsoft® Windows® Vista/2008/Server 2003, Linux®, Solaris™ (x86), FreeBSD®, VMware® and more. * Visit the download center for the most complete list of supported operating systems: www.lsi.com/support |

| Ordering Information | |
|----------------------------------|------------------|
| MegaRAID SAS 9261-8i Single Pack | LSiBBU08 |
| MPN: L5-25239-22 | MPN: L5-25343-06 |
| OPN: LSI00212 | OPN: LSI00264 |



Visit the Avago Server Storage website at: avagotech.com/server-storage

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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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