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The eight-port MegaRAID® SAS 9260-8i provides a new level of performance and data protection for internal storage systems using up to 32 SATA or SAS hard drives or solid state drives. With data transfer rates of up to 6Gb/s per port, the MegaRAID SAS 9260-8i brings users new features and improved performance while continuing to support all the features of the previous 3Gb/s SATA and SAS generation. This value line controller, ideal for inside-the-box connectivity, employs the latest in RAID-on-Chip (ROC) technology and complies with the PCI Express® 2.0 specification for high-bandwidth applications.



Product	Ordering P/N	In The Box
MegaRAID SAS 9260-8i SGL	LSI00198	MegaRAID SAS 9260-8i, QIG, LP bracket, Driver & Documentation CD
MegaRAID SAS 9260-8i KIT	LSI00202	MegaRAID SAS 9260-8i, (2) 1-meter Mini-SAS to (4) SATA cables, QIG, LP bracket, Driver & Documentation CD

Features & Benefits

Features

- Eight internal SATA+SAS ports
- Two mini-SAS SFF-8087 x4 connectors
- 6Gb/s throughput per port
- LSI SAS2108 ROC
 - 800MHz PowerPC®
- Low-profile MD2 form factor (6.6" X 2.536")
- x8 PCI Express 2.0 host interface
- 512MB DDRII cache (800MHz)
- Optional battery backup unit (direct attach)
- Connect up to 32 SATA and/or SAS devices
- RAID levels 0, 1, 5 and 6
- RAID spans 10, 50 and 60
- Auto-resume on rebuild
- Auto-resume on reconstruction
- Online Capacity Expansion (OCE)
- Online RAID Level Migration (RLM)
- SafeStore™ Encryption Services
 - Instant secure erase
- SSD support with SSD Guard™
- Global and dedicated hot spare with revertible hot spare support
 - Automatic rebuild
 - Enclosure affinity
 - Emergency SATA hot spare for SAS arrays
- Single controller multipathing (failover)
- I/O load balancing
- Comprehensive RAID management suite

Benefits

- Superior performance
 - Maximum reads: 2,875MB/s
 - Maximum writes: 1,850MB/s
- PCI Express 2.0 provides faster signaling for high-bandwidth applications
- Support for 3Gb/s and 6Gb/s SATA and SAS hard drives for maximum inside-the-box flexibility
- SafeStore Encryption Services for more secure data protection
- Low-profile MD2 form factor for space-limited 1U and 2U environments

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Additional Links

- [6Gb/s SATA+SAS Press Kit](#)

News

- [LSI Launches High-Performance 6Gb/s SAS Host Bus Adapters](#) - Oct.13
- [SemiAccurate: LSI Virtualizes Storage in Hardware](#) - Sep.30
- [Gerson Lehrman Group: LSI Entered Enterprise NAS Market](#) - Sep.29