



6Gb/s On-Demand Webcast

Register now for the *Grab Ultimate Performance with 6Gb/s* on-demand webcast.

Register Now

Support Resources

Support and Downloads
Marketing Resource Center
Warranty Information

Know the Ordering Part Number?
Get specific results

News Releases

LSI MegaRAID SAS 9260-8i - 6Gb/s SATA and SAS Controller Card Review - Sep.23.09

LSI to Demonstrate Industry's First Single-Root I/O Virtualization Solution at Intel Developer Forum - Sep.22.09

InfoStor: Storage Highlights from VMworld - Sep.04.09

LSI Channel Gateway

Storage Simplified
Trusted Storage Solutions



Home > Products > MegaRAID® > SATA+SAS > MegaRAID SAS 84016E

The growing requirement to store huge amounts of data with uninterrupted availability and reliability calls for a high-density point-to-point RAID storage solution. The MegaRAID SAS 84016E addresses any data availability concerns associated with deploying large number of drives in mission-critical environments. It allows system builders to direct-connect up to 16 SATA and/or SAS drives. Also, by leveraging SAS expander technology, this adapter can support up to 122 physical devices for the most data-intensive environments.



Product	Ordering P/N	In The Box
MegaRAID SAS 84016E SGL	LSI00137	MegaRAID SAS 84016E, QIG, Driver & Manual CD
LSIiBBU01	LSI00184	MegaRAID LSIiBBU01 battery, 20-pin, 10-inch cable, QIG

Features & Benefits

Support and Downloads

Documentation

Features

- Sixteen internal SAS/SATA ports
- Four Mini-SAS SFF-8087 x4 connectors
- 3Gb/s throughput per port
- Intel IOP333 (500MHz) and LSI SAS1068 RAID on Chip (ROC)
- Full-height, half-length form factor (6.6" X 4.2")
- x8 PCI Express host interface
- 256MB DDRII Cache
- Optional battery backup unit
- Connect up to 122 SAS and/or SATA 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)
- Comprehensive RAID management suite

Benefits

- 16 internal SAS/SATA ports ideal for direct-connect of SAS or SATA hard drives in high-density RAID storage environments
- Proven MegaRAID protection for SATA and SAS drives using RAID 0, 1, 5, 6, 10, 50 or 60
- Scalable up to 122 SAS or SATA devices using SAS expanders
- Battery backup and advanced error detection and correction capabilities deliver outstanding RAID availability
- Common suite of management utilities for all MegaRAID SAS/SATA adapters

More