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PCI Express, 3 Gb/s, SAS, 8-port Host Bus Adapter

The LSI SAS3442E-R four-port internal/four-port external SAS/SATA PCI Express storage adapter provides 300 MB/s bandwidth (600 MB/s, full duplex) on each port for combined throughput of up to 2.4 GB/s. The storage adapter supports multi-volume OS independent Integrated RAID 0, 1, 1E and 10E without the need for special drivers. The SAS3442E-R features PCI Express connectivity, removing the host bus bottleneck from the parallel PCI busses.



Product	Ordering P/N	In The Box
SAS3442E-R Kit	LSI00110	SAS3442E-R, QIG, LP bracket, Driver & Manual CD, 1 Internal SAS Cable, 1 Internal SATA Cable
SAS3442E-R SGL	LSI00167	SAS3442E-R, QIG, LP bracket, Driver & Manual CD

Features & Benefits

Features

- 3Gb/s per port
- x4 internal SFF-8484 / x4 external SFF-8470 connectors
- Integrated RAID 0, 1, 1E and 10E
- 8-lane 2.5 Gb/s PCI Express
- MD-2 small form-factor design
- Connects to both SAS and SATA HDDs and tape drives
- Allow s more than 122 total end-point devices
- Fusion-MPT architecture provides more than 140,000 I/Os per second
- Supports all major operating systems

Support and Downloads

Documentation

Benefits

- Integrated RAID avoids additional host CPU overhead
- Flexible SAS/SATA array architecture optimizes cost
- SAS/SATA interconnect proven through robust LSI serial technology
- Speed: 3Gb/s per port combines to 2.4 GB/s full duplex speed
- Complete solution: kit includes all necessary cables and brackets
- Market leader: LSI SAS pow ers 80% of SAS w orldw ide

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