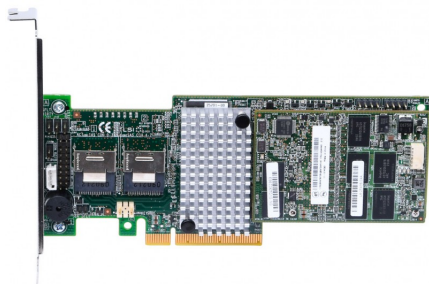


Broadcom 9270CV-8i Datasheet



Broadcom LSI 9270CV-8i LSI00327 PCIe 3.0 x8 LSISAS2208 8 Internal Ports 6Gb/s SATA+SAS RAID Controller w/ CacheVault

9270CV-8i

Broadcom LSI 9270CV-8i LSI00327 PCIe 3.0 x8 LSISAS2208 8 Internal Ports 6Gb/s SATA+SAS RAID Controller w/ CacheVault

Features

- Eight internal SATA+SAS ports
- Two mini-SAS SFF-8087 x4 connectors – top mount
- 6Gb/s throughput per port
- LSISAS2208 Dual Core ROC
 - o 800MHz PowerPC®
- MD2 Low profile (6.6" X 2.536")
- x8 PCI Express 3.0 host interface
- 1GB DDRIII cache (1333MHz)
- Optional battery backup unit (LSiBBU09 remote mount)
- Connect up to 128 SATA and/or SAS devices
- RAID levels 0, 1, 5 and 6
- RAID spans 10, 50 and 60

Specifications

- Product: MegaRAID SAS 9270CV-8i
- Solution Provided: Eight-port internal SAS solution for performance-hungry applications using up to 128 SAS,

SATA and solid state drives (SSDs)

- Physical Dimensions: MD2 Low profile (6.6" X 2.536")
- Internal Connectors: Two Mini-SAS SFF8087 internal connectors (top mount)
- Device Support: Up to 6Gb/s per port
- Host Bus Type: x8 lane PCI Express 3.0 compliant
- Data Transfer Rates: Up to 6Gb/s per port
- I/O Processor/SAS Controller: LSI SAS2208 Dual-Core RAID on Chip (ROC)
- Cache Memory: 1 GB 1333MHz DDRIII SDRAM
- Cache Protection: MegaRAID LSIiBBU09 (optional – LSIiBBU09 / LSI00279)
- Operating Temperature: Maximum ambient: Controller Card: 60°C, with optional LSIiBBU09: 55°C
- Operating Voltage: +3.3V, +12V
- MTBF (Calculated): 766,841 hours

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