

3ware 9690SA Features

- 8th-generation StorSwitch™ non-blocking switched architecture
- On-board I/O RISC processor and RAID offload provides true hardware RAID — SCSI device driver model to take advantage of SAS or inexpensive Serial ATA drives
- Bootable array support for greater fault tolerance of your OS
- Variable stripe size for performance tuning by application
- Support for greater than 2TB volumes
- 512MB DDR2 533 memory with ECC protection
- 128 max disk drives via SAS expanders
- Complete configuration management suite
 - 3ware BIOS Manager (3BM) - easy to use BIOS configuration tool
 - 3ware Disk Manager 2 - browser-based management tool
 - Command Line Interface (CLI) - scriptable configuration tool
- SNMP support
- SMTP support for email/pager notification
- Staggered drive spin-up support
- Auto carving allows LUNs > 2TB to be divided into multiple units for legacy operating systems limited to 2TB max. per LUN
- Battery Backup Unit (BBU) with remote battery support
- Write journaling for improved performance and data protection against accidental drive removal
- Multiple SAS/SATA RAID sets
- Multiple logical unit sizes and RAID levels on one card
- Hot-swap and hot-spare support for data availability
- Dynamic sector repair for robust data protection
- S.M.A.R.T. disk drive monitoring for reliability
- Emergency Flash Recovery protects against failed firmware upgrade
- Drive activity LED support
- Array/Drive Status and drive identification LED support
- Enclosure management via I2C and SES 2.0
- Drive insertion and removal notification
- Online Capacity Expansion and RAID Level Migration
- RoHS 6 of 6 and WEEE compliant