

3ware 9550SXU Features

- 7th-generation StorSwitch™ point-to-point, non-blocking switched architecture
- On-board PowerPC RISC processor provides true hardware RAID — SCSI device driver model to take advantage of the benefits of SCSI using inexpensive Serial ATA drives
- Bootable array support for greater fault tolerance
- Variable stripe size for performance tuning by application
- 64-bit LBA support
- ATA pass-through mode support
- Up to 256 MB DDR2 400 memory with ECC protection
- 32 pooled DMA channels
- Complete configuration management suite
 - 3ware BIOS Manager 2 (3BM2) – easy to use BIOS configuration tool
 - 3ware Disk Manager 2 (3DM@2) – browser-based management tool
- Features include: secure access via ssh or https, create unit, delete unit, remove unit, import unit, migrate unit, verify unit rebuild unit
 - Command Line Interface (CLI) – scriptable configuration tool
- SNMP support
- SMTP support for email/pager notification
- ATA/6 and Out of band (OOB) staggered drive spin-up support
- Auto carving allows logical units larger than 2 TB to be divided into multiple units for legacy operating systems that are limited to a maximum of 2 TB per logical unit
- StorSave platform for advanced performance tuning with the BBU
- Multiple logical unit sizes and RAID levels on one card
- Multiple card support within a system for large storage requirements
- 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
- Online Capacity Expansion and RAID Level Migration
- Battery Backup Unit (BBU) ready
- Enhanced data protection with write journaling for non-redundant arrays and accidental drive removal
- Drive insertion and removal notification
- RoHS Compliant Models