

Proware debuts 4Gb Fibre channel to SATA II RAID subsystem

March 2006 Taipei, Proware Technology Corp. is pleased to announce the release of 4Gb Fibre channel to SATA-II external RAID subsystem. Proware's newly innovated RAID Subsystem – Simbolo SB-3163S-F4A3 features are designed ideally to meet the demanding needs of enterprise applications that require system scalability and high performance in a flexible configuration. This new member of the Simbolo family features 4GB FC host performance to increase system efficiency and performance. The SB-3163S-F4A3 features high capacity expansion, with 16 hot-swappable Serial ATA II hard disk drive bays in a 19-inch 3U rackmount unit, to give a maximum storage capacity of over 6 terabytes.

The SB-3163S-F4A3 supports RAID levels 0, 1, 0+1, 3, 5 and 6 which the highest level of data protection to offer fault tolerant data protection and 100% transparency to the host operating system. It also supports auto rebuild, bad block auto-remapping, multiple RAID selection, Array roaming, controller redundancy option and online RAID Level migration, JBOD function and exceptional manageability. For mission critical applications requiring aggressive performance, high data throughput, continuous availability, and flexibility in configuration, total reliability and system scalability, the SB-3163S-F4A3 is the obvious solution.

Features:

- Supports RAID levels 0, 1, 0+1, 3, 5, 6 and JBOD.
- Supports hot spare and automatic hot rebuild.
- Allows online capacity expansion within the enclosure.
- Local audible event notification alarm.
- Supports password protection and UPS connection.
- Built-in serial port interface for remote event notification.
- Dual host channels support clustering technology.
- Tagged command queuing for 255 commands, allows for overlapping data streams.
- Transparent data protection for all popular operating systems.
- RAID ADG provides the highest level of data protection.
- Supports multiple array enclosures per host connection.
- Instant availability and background initialization
- Supports greater than 2TB per volume set (64-bit LBA support)
- Supports 4K bytes/sector for Windows up to 16TB per volume set
- Supports S.M.A.R.T, NCQ and OOB Staggered Spin-up capable drives
- Supports online Array roaming
- Online RAID level/stripe size migration
- Online capacity expansion and RAID level migration simultaneously
- Online Volume Set Expansion

