

Proware launches First Desktop SATA II RAID subsystem with Real-Time Hardware AES 256-bit encryption

Proware SP-403AA is the first desktop 4 Bays SATAII RAID Subsystem equipped with Real-Time Hardware AES 256-bit encryption powered by Enova Technology X-Wall MX technology (http://www.enovatech.net/products/mx_info.htm) to safeguard all the data-at-rest (DAR).

The SP-403AA is equipped with hardware RAID controllers to offer fault tolerant data protection. The 64bit architecture combined with the Serial ATA II disk interface offers unprecedented performance and reliability. The SP-403AA series has an error notification control function to assist reporting of various failure conditions through an audible alarm and LCD control panel display. Web-based GUI RAID management software provides seamless management and monitoring.

The SP-403AA series are OS independent and host transparent through generic SATA communication. It does not require any device drivers to become functional. The SP-403AA supports various hardware RAID levels including 0, 1, 3, 5, 0+1 and JBOD. It further supports global hot-spare and on-line RAID expansion. Moreover, the SP-403AA supports spin down drives when not in use to extend service (MAID), auto rebuild, bad block auto-remapping, multiple RAID selection, array roaming, online RAID Level migration, JBOD function and exceptional manageability.

The SP-403AA is the ideal storage solution for applications that require high data transfer throughput, continuous data availability, and flexibility in RAID configuration.

Features

- eSATA (3Gbps) single host interface
- Multiple Volumes for host access.
- Over 2TB support
- Supports hot spare and automatic hot rebuild
- Allows online capacity expansion within the enclosure
- Local audible event notification alarm
- Supports password protection
- Built-in serial port interface for remote event notification
- Tagged command queuing for 256 commands, allows for overlapping data streams
- Transparent data protection for all popular operating systems
- Build in NIST and CSE certified AES 256-bit hardware cryptographic processor
- Real-time full RAID subsystem encryption without performance degrading to safeguard all the data-at-rest (DAR)
- Authentication by insertion of the provided key fob at power on stage. After which, the key fob can be removed and safely stored



Tower chassis with four hot swappable drive bays