



SP-403AA

Desktop 4 Bays SATA II RAID Subsystem
with Real-Time Hardware AES
256-bit Encryption

Unsurpassed Value

- ▶ Most cost-effective SATA II RAID subsystem.

Application Flexibility

- ▶ Extends useful life by adapting to future IT requirements.

Easy Installation, Upgrade & Maintenance

- ▶ Provide a fast and easy way to install and upgrade the encrypted storage. Simplified maintenance reduces ongoing IT labor costs.

Exceptional Manageability

- ▶ Graphical User Interface (GUI) carry out user easy to remote management and configuration.
- ▶ Menu-driven interface make user a convenient way to maintain the storage by locally LCD front console.

Green Power Thinking

- ▶ Save the power by adopt the new technology "MAID" (Massive Arrays of Idle Disks).

Features

- ▶ ESATA (3Gbps) single host interface.
- ▶ Multiple volumes for host access.
- ▶ 1.5TB SATAII support (Total 6TB).
- ▶ 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.
- ▶ Built-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 inside and control by hardware key token easily.

RAID Management

- ▶ Smart-function LCD panel.
- ▶ Environmental monitoring unit.
- ▶ Real time drive activity and status indicators.
- ▶ Web-based GUI management utility.

Technical Specifications

Model Number	SP-403AA
RAID processor	400MHz storage I/O processor
Encryption processor	Enova X-Wall MX-256 encryption processor
RAID level	0, 1, 0+1, 3, 5 and JBOD
Cache memory	128MB
No. Of channels (host + drive)	1 + 4
Host bus interface	eSATA
Drive bus interface	SATA II (Up to 3.0 Gbps)
Data transfer rate	Up to 3.0 Gbps (SATA II)
Hot-swap drive trays	Four (4) 1-inch trays
Cooling fans	1
Password protection	Yes
Audible alarm	Yes
Failed drive indicators	Yes
Failed drive auto rebuild	Yes
Online consistency check	Yes
Online expansion	Yes
Array roaming	Yes
Online RAID level / stripe size migration	Yes
Instant availability and background initialization	Yes
Environmental monitor	Yes
Auto spare support	Yes
Bad block auto-remapping	Yes
Remote management	Yes
MAID support	Yes
Over 2TB support	Windows 2000/SP3, XP/SP1 or later, Vista, Mac OS 10 or later, Linux kernel 2.6 or later
Power supply	180W w/PFC
Power requirements	AC 90V ~ 264V full range, 5A ~ 3A, 60Hz ~50Hz
Environmental	
Relative humidity:	20% ~ 85% Non-condensing
Operating temperature:	10°C ~ 40°C (50°F ~ 104°F)
Physical dimensions	226(H) x 149(W) x 322(D) mm
Weight	8.0kg (without disk drives)

Specifications are subject to change without notice.
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