

DataPlum

Desktop Serial ATA II RAID subsystem



Unsurpassed Value

- ◆ Most cost-effective S-ATA II RAID subsystem

Application Flexibility

- ◆ Extends useful life by adapting to future IT requirements

Easy Installation & Maintenance

- ◆ Fast installation and simplified maintenance reduces ongoing IT labor costs

Exceptional Manageability

- ◆ GUI for remote management and configuration
- ◆ Menu-driven front panel display

Fault tolerance

- ▶ 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
- ▶ Tagged command queuing for 256 commands, allows for overlapping data streams
- ▶ Transparent data protection for all popular operating systems
- ▶ Supports multiple array enclosures per host connection

RAID Management

- ▶ Environmental monitoring unit
- ▶ Real time drive activity and status indicators
- ▶ Browser-based Java GUI management utility



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Series Technical Specifications



Model	DP-403E-SA3
RAID processor	Intel 80219 64 bit RISC
RAID level	0, 1, 0+1, 3, 5, 6 and JBOD
Cache memory	128MB ~ 256MB
No. of channel (Host + drive)	1 + 4
Host bus interface	Ultra 320 LVD
Drive bus interface	SATA II
Data transfer rate	Up to 320MB/Sec
Back plane board	SATA II
Hot-swap drive tray	Four (4) 1-inch trays
Power supply	250W w/PFC
Cooling fan	2
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
Environment monitor	Yes
Bad block auto-remapping	Yes
Power requirements	AC 100V ~ 240V \pm 10% Full range 6A ~ 3A , 60Hz ~ 50Hz
Environmental	
Relative Humidity:	10% to 85% Non-condensing
Operating Temp:	10°C ~ 50°C (50°F ~ 122°F)
Physical Dimensions:	226(H) x 149(W) x 355(D) mm 8.9(H) x 5.87(W) x 13.98(D) inches
Weight	8kg / 17.64lb (without drives)

Specification are subject to change without notice.
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