

DataPlum

DP-403UA

Desktop 4 Bays Tower RAID Subsystem
eSATA, USB 2.0 to SATAII



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 storage. Simplified maintenance reduces ongoing IT labor costs.

Exceptional Manageability

- ▶ Graphic 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).

Fault Tolerance

- ▶ eSATA (3Gbps) / USB 2.0 (480Mbps) dual host interface.
- ▶ Multiple Volumes for host access.
- ▶ Over 2TB support (6 TB with 1.5TB SATAII HD Drives).
- ▶ 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.

RAID Management

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

Technical Specifications

Model	DP-403UA
RAID Processor	400MHz storage I/O processor
RAID Level	0, 1, 0+1, 3, 5 and JBOD
Cache Memory	128 MB
No. of channel (host + drive)	2 + 4
Host bus interface	USB 2.0 / eSATA
Drive bus interface	SATA II (Up to 3.0Gbps)
Data transfer rate	Up to 480 Mbits (USB 2.0) / Up to 3.0Gbps (eSATA)
Hot-swap drive trays	Four (4) 1-inch trays
Cooling fan	1
Password protection	Yes
Audible alarm	Yes
Failed drive indicators	Yes
Failed drive auto build	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
Auto spare support	Yes
Bad block auto-remapping	Yes
Remote management	Yes
MAID support	Yes
Over 2TB support	Windows OS which GPT supported (Windows XP/x64, 2003/SP1 or 64-bit, Vista, 2008) Mac OS 10 or later, Linux kernel 2.6 or later
Power supply	180W w/PFC
Power requirements	AC 90 V ~ 264 full range 5 A ~ 3 A, 60 Hz ~ 50 Hz
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 355(D) mm
Weight	8 kg (without disk drives)

Specifications are subject to change without notice.

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