DataPlum Series

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)



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Fault tolerance

- eSATA (3Gbps) / USB 2.0 (480Mbps) dual 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

RAID Management

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

Series Technical Specifications



RAID processor	Model	DP-403UA
Cache memory	RAID processor	400MHz storage I/O processor
No. of channels(host + drive)	RAID level	0, 1, 0+1, 3, 5 and JBOD
Host bus interface	Cache memory	128MB
Drive bus Interface SATA II (Up to 3.0Gbps) Data transfer rate Up to 480Mbits (USB 2.0) / Up to 3.0Gbps (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 Yes 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 90V ~ 264V full range Environmental 5	No. of channels(host + drive)	2 + 4
Data transfer rate Up to 480Mbits (USB 2.0) / Up to 3.0Gbps (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 Yes 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 90V ~ 264V full range Environmental SA ~ 3A, 60Hz - 50Hz Relative Humidity: 20% ~	Host bus interface	USB 2.0 / eSATA
Hot-swap drive trays Cooling fans 1 Password protection Yes Audible alarm Yes Failed drive indicators Failed drive auto rebuild Yes Online consistency check Yes Online expansion Yes Array Roaming Online RAID level/ stripe size migration Instant availability and background initialization Environment monitor Yes Auto spare support Wes MAID support Over 2TB support Power supply Power requirements Environmental SA ~ 3A , 60Hz - 50Hz Relative Humidity: Operating Temp: Physical Dimensions: Pes Nes Hot-support Yes Four (4) 1-inch trays Four (4) 1-inch trays 1 (H) 1-inch trays Four (4) 1-inch trays Pes Audib 1 Wes Audib 1 Yes Wes Wes Wes Wes Wes Wes Windows Cos 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 requirements SA ~ 3A , 60Hz - 50Hz Relative Humidity: 20% ~ 85% Non-condensing Operating Temp: 10°C ~ 40°C (50°F ~ 104°F) Physical Dimensions: 226(H) x 149(W) x 322(D)mm	Drive bus interface	SATA II (Up to 3.0Gbps)
Cooling fans Password protection Password prot	Data transfer rate	Up to 480Mbits (USB 2.0) / Up to 3.0Gbps (SATA II)
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background initialization Environment monitor Auto spare support Bad block auto-remapping Remote management MAID support 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 90V ~ 264V full range Environmental 5A ~ 3A, 60Hz - 50Hz Relative Humidity: 20% ~ 85% Non-condensing Operating Temp: 10°C ~ 40°C (50°F ~ 104°F) Physical Dimensions: 226(H) x 149(W) x 322(D)mm	Online RAID level/ stripe size migration	Yes
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Remote managementYesMAID supportYesOver 2TB supportWindows OS which GPT supported (Windows XP/x64, 2003/SP1 or 64-bit, Vista, 2008) Mac OS 10 or later, Linux kernel 2.6 or laterPower supply $180W \text{ w/PFC}$ Power requirementsAC $90V \sim 264V \text{ full range}$ Environmental $5A \sim 3A$, $60Hz - 50Hz$ Relative Humidity: $20\% \sim 85\% \text{ Non-condensing}$ Operating Temp: $10^{\circ}\text{C} \sim 40^{\circ}\text{C} (50^{\circ}\text{F} \sim 104^{\circ}\text{F})$ Physical Dimensions: $226(H) \times 149(W) \times 322(D) \text{mm}$	Auto spare support	Yes
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	MAID support	Yes
Power supply $180W \text{ w/PFC}$ Power requirementsAC 90V ~ 264V full rangeEnvironmental $5A \sim 3A$, $60Hz - 50Hz$ Relative Humidity: $20\% \sim 85\% \text{ Non-condensing}$ Operating Temp: $10^{\circ}\text{C} \sim 40^{\circ}\text{C} (50^{\circ}\text{F} \sim 104^{\circ}\text{F})$ Physical Dimensions: $226(H) \times 149(W) \times 322(D)\text{mm}$	Over 2TB support	Windows OS which GPT supported
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Weight 8.0kg (without Disk Drives)	Physical Dimensions:	226(H) x 149(W) x 322(D)mm
	Weight	8.0kg (without Disk Drives)

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