EPICa Series

EP-2123-UA

2U 12bays, USB 2.0, eSATA, iSCSI- SATA II RAID Subsystem

Unsurpassed Value
- Most cost-effective SATA II RAID Subsystem

Application Flexibility
- Multiple interface supportted, 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)

Features
- USB 2.0 (480Mbps) / eSATA (3Gbps) / iSCSI Host interface
- Support Multi-host (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

* Due to enhance the controller utilization, don't recommend access from iSCSI host at the same time.

Series Technical Specifications

Model	**EP-2123-UA**
Form-factor	2U 19"rackmount chassis
RAID processor	400MHz storage I/O processor
RAID level	0 , 1 , 10 (1E) , 3 , 5 , 6 and JBOD
Cache memory	128 MB
No. of channel (Host + drive)	4 + 12
Host bus interface	USB 2.0 / eSATA x 2 / iSCSI
Drive bus interface	SATA II (Up to 3.0 Gbps)
Data transfer rate	Support up to 480 Mbps (USB 2.0)
	Support up to 3.0 Gbps (SATA II)
	Support 10 / 100 / 1000 Mbps Ethernet
Hot-swap drive tray	Twelve (12) 1-inch trays
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
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 Supplies	400W x1(upgradeable) or 400W x2 Redundant power supplies w/PFC
Power requirements	AC 100V ~ 240V full range , 8A ~ 4A , 47Hz ~ 63Hz
Environmental	
Relative Humidity :	10% ~ 85% Non-condensing
Operating Temp :	10°C ~ 40°C (50°F ~ 104°F)
Physical Dimensions :	88 (H) x 482 (W) x 500 (D) mm
Weight	14.4 Kgs (w/o Drives)

Specification are subject to change without notice.
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