

2U 12bays, USB 2.0, USB 3.0, 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) / USB 3.0 (5G bps) / eSATA (3Gbps) / iSCSI(1Gbps) Multi-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

RAID processor	Model	EP-2123-U3A
AND processor	Form-factor	2U 19"rackmount chassis
RAID level	RAID processor	400MHz storage I/O processor
A	RAID level	
Description USB 2.0 / USB 3.0 / eSATA / iSCSI	Cache memory	
Drive bus interface SATA II (Up to 3.0 Gbps) Support up to 480 Mbps (USB 2.0) Support up to 5 Gbps (USB 3.0) 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 Audible alarm Yes Failed drive indicators Failed drive auto rebuild Yes Online consistency check Online expansion Array Roaming Online RAID level / stripe size migration Instant availability and background initialization Environment monitor Auto spare support Bad block auto-remapping Remote management Yes MAID 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 400W x1(upgradeable) or 400W x2 Redundant power supplies Power Supplies Power requirements AC 100V ~ 240V full range , 8A ~ 4A , 47Hz ~ 63Hz Environmental Relative Humidity: Operating Temp: 10°C ~ 40°C (50°F ~ 104°F) Physical Dimensions: 88 (H) x 482 (W) x 5500 (D) mm	No. of channel (Host + drive)	4 + 12
Drive bus interface SATA II (Up to 3.0 Gbps) Support up to 480 Mbps (USB 2.0) Support up to 5 Gbps (USB 3.0) 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 Audible alarm Yes Failed drive indicators Failed drive auto rebuild Online consistency check Online expansion Array Roaming Online RAID level / stripe size migration Instant availability and background initialization Environment monitor Auto spare support Bad block auto-remapping Remote management Yes MAID support Yes MAID 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 Power requirements AC 100V ~ 240V full range , 8A ~ 4A , 47Hz ~ 63Hz Environmental Relative Humidity: Operating Temp: 10°C ~ 40°C (50°F ~ 104°F) Physical Dimensions: 88 (H) x 482 (W) x 500 (D) mm	Host bus interface	USB 2.0 / USB 3.0 / eSATA / iSCSI
Support up to 480 Mbps (USB 2.0)	Drive bus interface	
Data transfer rate Support up to 5 Gbps (USB 3.0) 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 Audible alarm Yes Failed drive indicators Failed drive auto rebuild Online consistency check Online expansion Array Roaming Online RAID level / stripe size migration Instant availability and background initialization Environment monitor Auto spare support Bad block auto-remapping Remote management MAID 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 Power requirements AC 100V ~ 240V full range , 8A ~ 4A , 47Hz ~ 63Hz Environmental Relative Humidity: Operating Temp: 10°C ~ 40°C (50°F ~ 104°F) Physical Dimensions: 88 (H) x 482 (W) x 500 (D) mm	Data transfer rate	
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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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