

EPICa Series

EP-2123-WA-S

EP-2123-WA-R

*2U 12bays, USB 2.0, 1394b, eSATA,
iSCSI- SATA II RAID Subsystem*



Unsurpassed Value

- Most cost-effective SATA II RAID Subsystem

Application Flexibility

- Multiple interface supported, 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) / 1394b (800Mbps) / 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

Model	EP-2123-WA-S / EP-2123-WA-R
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	256 MB
No. of channel (Host + drive)	4 + 12
Host bus interface	USB 2.0 / 1394b / eSATA / iSCSI
Drive bus interface	SATA II (Up to 3.0 Gbps)
	Support up to 480 Mbps (USB 2.0)
	Support up to 800 Mbps (1394b)
Data transfer rate	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
	Windows OS which GPT supported
Over 2TB support	(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) power supply w/PFC (EP-2123-WA-S)
	400W x2 redundant power supplies w/PFC (EP-2123-WA-R)
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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