EPICa Series

EP-2123-U3A-S
EP-2123-U3A-R

*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 support enables flexible system deployment for versatile applications

Easy Installation, Upgrade & Maintenance
- Easy to install, upgrade, and maintain the storage in terms of good hardware and mechanical design

Exceptional Manageability
- Graphic User Interface (GUI) enables user easy to manage and configure the storage remotely
- Front end LCD module offers user a convenient way to manage, monitor, and configure the storage through menu-driven options

Green Power
- MAID(Massive Arrays of Idle Disks) support

Features
- USB 2.0 (480Mbps) / USB 3.0 (5Gbps) / 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-functioning LCD panel
- Environmental monitoring unit
- Real time drive activity and status indicators
- Web-based GUI management utility

* In order to enhance and keep system performance, don't recommend to use and access the storage from all different host interfaces at the same time.

Series Technical Specifications

Model	EP-2123-U3A-S / EP-2123-U3A-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	128 MB
No. of channel (Host + drive)	4 + 12
Host bus interface	USB 2.0 / USB 3.0 / eSATA / 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 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	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) power supply w/PFC (EP-2123-U3A-S)
	400W x2 Redundant power supplies w/PFC (EP-2123-U3A-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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