

# 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

<b>Model</b>	<b>EP-2123-U3A-S / EP-2123-U3A-R</b>
<b>Form-factor</b>	2U 19"rackmount chassis
<b>RAID processor</b>	400MHz storage I/O processor
<b>RAID level</b>	0 , 1 , 10(1E) , 3 , 5 , 6 and JBOD
<b>Cache memory</b>	256 MB
<b>No. of channel (Host + drive)</b>	4 + 12
<b>Host bus interface</b>	USB 2.0 / USB 3.0 / eSATA / iSCSI
<b>Drive bus interface</b>	SATA II (Up to 3.0 Gbps)
	Support up to 480 Mbps (USB 2.0)
<b>Data transfer rate</b>	Support up to 5 Gbps ( USB 3.0)
	Support up to 3.0 Gbps (SATA II)
	Support 10 / 100 / 1000 Mbps Ethernet
<b>Hot-swap drive tray</b>	Twelve (12) 1-inch trays
<b>Cooling fan</b>	2
<b>Password protection</b>	Yes
<b>Audible alarm</b>	Yes
<b>Failed drive indicators</b>	Yes
<b>Failed drive auto rebuild</b>	Yes
<b>Online consistency check</b>	Yes
<b>Online expansion</b>	Yes
<b>Array roaming</b>	Yes
<b>Online RAID level / stripe size migration</b>	Yes
<b>Instant availability and background initialization</b>	Yes
<b>Environment monitor</b>	Yes
<b>Auto spare support</b>	Yes
<b>Bad block auto-remapping</b>	Yes
<b>Remote management</b>	Yes
<b>MAID support</b>	Yes
	Windows OS which GPT supported
<b>Over 2TB support</b>	(Windows XP/x64 , 2003/SP1 or 64-bit , Vista , 2008)
	Mac OS 10 or later , Linux kernel 2.6 or later
<b>Power supplies</b>	400W x1(upgradeable) power supply w/PFC (EP-2123-U3A-S)
	400W x2 Redundant power supplies w/PFC (EP-2123-U3A-R)
<b>Power requirements</b>	AC 100V ~ 240V Full range , 8A ~ 4A , 47Hz ~ 63Hz
<b>Environmental</b>	
<b>Relative humidity :</b>	10% ~ 85% Non-condensing
<b>Operating temp :</b>	10°C ~ 40°C (50°F ~ 104°F)
<b>Physical dimensions :</b>	88 (H) x 482 (W) x 500 (D) mm
<b>Weight</b>	14.4 Kgs (w/o Drives)

Specification are subject to change without notice.

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