EPICa Series

EP-2123-CA

2U 12bays, iSCSI/Hi-Speed eSATA/USB 3.0 RAID Subsystem

Unsurpassed Value

- Most cost-effective SATA III 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 3.0 (5Gbps) / eSATA (6Gbps) / GbE(x4) Host interface
- iSCSI Support : Jumbo frame , Header/Data digest , CHAP , MPIO, MC/S , Trunking and LACP(802.3ad)
- Multiple RAID selection
- Configurable stripe size up to 1024KB
- Online array roaming
- Online RAID level/stripe size migration
- Online capacity expansion and RAID level migration simultaneously
- Online volume set growth
- Support global and dedicated hot spare
- Support for native 4K and 512 byte sector SATA devices
- Multiple pairs SSD/HDD disk clone function
- Support HDD firmware update

RAID Management

- Smart-function LCD panel
- Environmental monitoring unit
- Real time drive activity and status indicators
- Web-based GUI management utility

Series Technical Specifications

Model	EP-2123-CA
Form-factor	2U 19" rackmount chassis
RAID processor	1.2GHz storage I/O processor
RAID level	0, 1, 10(1E), 3, 5, 6, 30, 50, 60, Single Disk or JBOD
Cache memory	2GB on-board DDR3-1200 SDRAM with ECC protection
No. of channel (Host + drive)	6 + 12
Host bus interface	USB 3.0 x 1 / eSATA x 1 / GbE iSCSI x 4
Drive bus interface	6Gb/s SATA III
Data transfer rate	Support up to 5.0Gbps (USB 3.0)
	Support up to 6.0Gbps (eSATA)
	Support up to 1.0Gbps Ethernet
Hot-swap drive tray	Twelve (12)
Cooling fan	2
Hot Spare	Global and Dedicated
Multiple RAID selection	Yes
Stripe Size	Up to 1024KB
Password protection	Yes
Audible alarm	Yes
Failed drive indicators	Yes
Failed drive auto rebuild	Yes
Online consistency check	Yes
Online expansion	Yes
Online Array roaming	Yes
Online RAID level / stripe size migration	Yes
Online volume set growth	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
Power Supplies	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^OC ~ 40^OC (50^OF ~ 104^OF)
Physical Dimensions :	88(H) x 482(W) x 500(D)mm
Weight	14.4 Kg (w/o Drives)

Specification are subject to change without notice.
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