

EPICa

EP-1403-SA3

1U 4bays, SCSI U320 – SATAII RAID Subsystem



The Most cost-effective SATA II RAID Subsystem, the EP-1403 Series RAID subsystem features SCSI U320 host interface to increase system efficiency and performance. It carries 4 hot-swappable SATA II hard disk drive bays in a 19-inch 1U rackmount unit, scaling the storage capacity of server in the terabyte range, provides a fast and easy way to install and upgrade your storage.

Exceptional Manageability

- The firmware-embedded Web Browser-based RAID manager allows local or remote management and configuration
- The firmware-embedded SMTP manager monitors all system events and user notification automatically
- The firmware-embedded SNMP agent allows remote to monitor events via LAN with no SNMP agent required
- Menu-driven front panel display

Feature

- Supports RAID levels 0 , 1 , 10(1E) , 3 , 5 , 6 and JBOD
- Supports online array roaming
- Online RAID level/stripe size migration
- Online capacity expansion and RAID level migration simultaneously
- Online volume set expansion
- Supports multiple array enclosures per host connection
- Supports greater than 2TB per volume set
- Transparent data protection for all popular operating systems
- RAID ADG provides the highest level of data protection
- Instant availability and background initialization
- Supports S.M.A.R.T, NCQ and OOB staggered Spin-up capable drives
- Local audible event notification alarm.
- Supports password protection
- Redundant flash image for high availability
- Support spin down drives when not in use to extend service (MAID)
- Supports bad blocks auto remapping and schedule volume check
- Supports hot spare and automatic hot rebuild



Series Technical Specifications

Model	EP-1403-SA3
RAID Controller	
RAID processor	Intel IOP348 64 bit RISC
Cache memory	512MB ~ 4GB DDRII ECC SDRAM
No.of channels (Host+Drive)	2+4
Host interface	SCSI Ultra 320
Disk interface	SATA II
Management port support	Yes
Monitor port support	Yes
RAID Features	
RAID level	0, 1, 10(1E), 3, 5, 6 and JBOD
Array group	Yes
LUNs	Yes
Hot spare	Yes
Drive roaming	Yes
Online rebuild	Yes
Variable stripe size	Yes
E-mail notification	Yes
Online capacity expansion, RAID level / stripe size migration	Yes
Online array roaming	Yes
Online consistency check	Yes
SMTP manager and SNMP agent	Yes
Redundant flash image	Yes
Instant availability and background initialization	Yes
S.M.A.R.T. support	Yes
MAID	Yes
Bad block auto-remapping	Yes
Enclosure	
Platform	Rackmount
Form factor	1U
# of hot swap trays	4
Tray lock	Yes
Disk status indicator	Access / Fail LED
Power supply	220W w/PFC
# of fans	1
Power requirements	AC90V ~ 264V Full range 6A ~ 3A, 47Hz ~ 63Hz
Environmental	
Relative humidity	10% ~ 85% Non-condensing
Operating temperature	10°C~40°C(50°F ~ 104°F)

*Specification are subject to change without notice.
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