

EPICa

EP-2126-SA3 / EP-3166-SA3

SATA II RAID Subsystem



Highest Density Available

3U chassis with 16 bays carriers / 2U chassis with 12 bays carriers

Fault-Tolerant Design

Redundant, hot-swappable components

Exceptional Manageability

GUI for remote management and configuration

Menu-driven front panel display

Flexible expansion

RAID expansion enclosures enable a large increase of HDD capacity

Features

- Features Intel 80331 64 bit I/O processor
- Supports RAID levels 0, 1, 0+1, 3, 5, 6, 30, 50, NRAID and JBOD
- Dual SCSI Ultra320 host channels support clustering technology
- Instant availability and background initialization
- Supports hot spare and automatic hot rebuild
- Local audible event notification alarm
- Real time drive activity and status indicators
- Java based browser type GUI management utility
- Supports password protection and UPS connection
- Built-in serial port interface for remote event notification
- Transparent data protection for all popular operating systems
- Supports multiple array enclosures per host connection



Series Technical Specifications

Model	EP-2126-SA3	EP-3166-SA3
Form-factor	2U 19-inch rackmount chassis	3U 19-inch rackmount chassis
RAID processor	Intel 80331 64 bit RISC	
RAID level	0, 1, 0+1, 3, 5, 6, 30, 50, NRAID and JBOD	
Cache memory	256MB ~ 1GB ECC DDR SDRAM	
Host bus interface	Ultra 320 SCSI	Ultra 320 SCSI
Drive bus interface	SATA II	SATA II
Data transfer rate	Up to 320MB/Sec	Up to 320MB/Sec
Back plane board	SATA II	SATA II
Hot-swap drive trays	Twelve (12) 1-inch trays	Sixteen (16) 1-inch trays
Hot-swappable power supplies	Two (2) 300W power supplies w/PFC	Two (2) 500W power supplies w/PFC
Cooling fans	2	4
R-Link support	Yes	Yes
UPS connection	Yes	Yes
Hard Contact Relay connection	Yes	Yes
SMTP manager and SNMP agent	Yes	Yes
RAID roaming	Yes	Yes
Host independent	Yes	Yes
Environment monitor	Monitor Temperature · Fan · power supply and voltage	
Continuous rebuild	Yes	Yes
Online consistency check	Yes	Yes
Failed drive auto rebuild	Yes	Yes
Failed drive indicators	Yes	Yes
Audible alarm	Yes	Yes
Password protection	Yes	Yes
Bad block auto-remapping	Yes	Yes
Power requirements	AC 90V~264V Full Range 6A ~ 3A, 47Hz ~ 63Hz	AC 90V~264V Full Range 9A ~ 4.5A, 47Hz ~ 63Hz
Environmental		
Relative Humidity:	10% ~ 85% Non-condensing	10% ~ 85% Non-condensing
Operating Temp:	10°C ~ 40°C (50°F ~ 104°F)	10°C ~ 40°C (50°F ~ 104°F)
Physical Dimensions:	460(L) x 482(W) x 88(H) mm	590(L) x 482(W) x 131(H) mm
Weight	14kg/30.8Lbs (without drives)	24kg/52.8Lbs (without drives)

Specification are subject to change without notice.

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