

## SB-1403E-SA3

**1U Serial ATA II RAID Subsystem**



### Unsurpassed Value

- ◆ Most cost-effective S-ATA II RAID Subsystem

### Application Flexibility

- ◆ Extends useful life by adapting to future IT requirements

### Easy Installation & Maintenance

- ◆ Fast installation and simplified maintenance reduces ongoing IT labor costs

### Exceptional Manageability

- ◆ GUI for remote management and configuration
- ◆ Menu-driven front panel display

### Features

- ▶ Supports hot spare and automatic hot rebuild
- ▶ Allows online capacity expansion within the enclosure
- ▶ Local audible event notification alarm
- ▶ Supports password protection and UPS connection
- ▶ 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
- ▶ Supports multiple array enclosures per host connection

### RAID Management

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



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# Series Technical Specifications



<b>Model</b>	<b>SB-1403E-SA3</b>
<b>Form-factor</b>	1U 19-inch rackmount chassis
<b>RAID processor</b>	Intel 80219 64 bit RISC
<b>RAID level</b>	0, 1, 0+1, 3, 5, 6 and JBOD
<b>Cache memory</b>	128MB ~ 256MB
<b>No. of channel (Host + drive)</b>	1 + 4
<b>Host bus interface</b>	Ultra 320 LVD
<b>Drive bus interface</b>	SATA II
<b>Data transfer rate</b>	Up to 320MB/Sec
<b>Back plane board</b>	SATA II
<b>Hot-swap drive tray</b>	Four (4) 1-inch trays
<b>Power supply</b>	250W w/PFC
<b>Cooling fan</b>	1 (blower)
<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>Bad block auto-remapping</b>	Yes
<b>Power requirements</b>	AC 100V ~ 240V $\pm$ 10% Full range 6A ~ 3A , 60Hz ~ 50Hz
<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>	44(H) x 449(W) x 580(D) mm
<b>Weight</b>	12kg (without drives)

Specification are subject to change without notice.  
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