

## SB-3163EI-F4A3

**3U 16 Bays, 4Gb FC-SATAII RAID Subsystem**



### Highest Density Available

- 3U chassis with 16 bays carriers.

### Extraordinary Fault Tolerance

- Advanced Data Guarding technology (RAID ADG) provides the highest level of data protection.
- RAID ADG can tolerate multiple simultaneous drive failures without downtime or data loss.

### 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

### RAID Management

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

### Features

- Supports RAID levels 0, 1, 10(1E), 3, 5, 6, 30, 50, 60 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
- Serial port interface for remote event notification
- 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



UNIFOSA CORP.

Tel:886-2-2914-8001(Rep.) Fax:886-2-2914-7975

<http://www.proware.com.tw> E-mail:[info@proware.com.tw](mailto:info@proware.com.tw)



# Series Technical Specifications



<b>Model</b>	<b>SB-3163EI-F4A3</b>
<b>Form-factor</b>	3U 19-inch rackmount chassis
<b>RAID processor</b>	Intel IOP348 64 bit RISC
<b>RAID Level</b>	0, 1, 10(1E), 3, 5, 6, 30, 50, 60, JBOD
<b>Cache memory</b>	512MB ~ 4GB DDRII ECC SDRAM
<b>No. of channels (host+drive)</b>	2 + 16
<b>Host bus interface</b>	FC-AL x 2 (4Gb/s)
<b>Drive bus interface</b>	SATA II
<b>Hot-swap drive trays</b>	Sixteen (16) 1-inch trays
<b>Hot-swappable power supplies</b>	Three (3) 300W power supplies w / PFC
<b>Cooling fans</b>	2 (blower)
<b>Battery backup</b>	Option
<b>Drive Roaming</b>	Yes
<b>Online Rebuild</b>	Yes
<b>Online consistency check</b>	Yes
<b>SMTP manager and SNMP agent</b>	Yes
<b>Redundant Flash image</b>	Yes
<b>Instant availability and background initialization</b>	Yes
<b>R-Link support</b>	Yes
<b>SNMP Protocol Support</b>	Yes
<b>S.M.A.R.T</b>	Yes
<b>Online Array roaming</b>	Yes
<b>MAID</b>	Yes
<b>Bad block auto-remapping</b>	Yes
<b>Power requirements</b>	AC 90V ~ 254V Full Range 12A / 6A at 110V / 220V, 50Hz/60Hz
<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>	133(H) x 482(W) x 609(D) mm
<b>Weight</b>	20.5kgs / 45.1Lbs (without drives)

**Function:**

\*New disk auto spare \*Host independent \*Environment monitor \*Online expansion \*Continuous rebuild \*Online consistency check \*Failed drive auto rebuild \*Failed drive indicators \*Audible alarm \*Password protection \*UPS connection \*Bad block auto-remapping \*Multiple RAID selection \*Online RAID level migration \*E-mail Notification

*Specification are subject to change without notice.*

*All company and product names are trademarks of their respective owners.*