

# EPICa

## EP-2803-WA

2U 8bays, USB 2.0, 1394b, eSATA, iSCSI - SATA II RAID Subsystem



### Unsurpassed Value

- ※ Most cost-effective SATA II RAID Subsystem

### Application Flexibility

- ※ Multiple interface supported, 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 2.0 (480Mbps) / 1394b (800M bps) / eSATA (3Gbps) / iSCSI(1Gbps) Multi-interface
- ※ Support Multi-host (Multiple Volumes for host access)\*
- ※ Over 2TB support
- ※ Supports hot spare and automatic hot rebuild
- ※ Allows online capacity expansion within the enclosure
- ※ Local audible event notification alarm
- ※ Supports password protection
- ※ 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

### RAID Management

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

\* Due to enhance the controller utilization, don't recommend access from iSCSI host at the same time.



# SERIES TECHNICAL SPECIFICATIONS

| Model  | EP-2803-WA   |
|--|--|
| Form-factor  | 2U 19" rackmount chassis   |
| RAID processor                                     | 400MHz storage I/O processor   |
| RAID level   | 0, 1, 0+1, 3, 5, 6 and JBOD  |
| Cache memory                                       | 128MB  |
| No. of channel (Host + drive)                      | 4 + 8  |
| Host bus interface                                 | USB 2.0 / 1394b / eSATA / iSCSI  |
| Drive bus interface                                | SATA II (Up to 3.0Gbps)  |
| Data transfer rate                                 | Support up to 480 Mbps (USB 2.0)<br>Support up to 800 Mbps (1394b)<br>Support up to 3.0Gbps (SATA II)<br>Support 10/100/1000 Mbps Ethernet |
| Hot-swap drive tray                                | Eight (8) 1-inch trays   |
| Power supply                                       | 400W Redundancy  |
| Cooling fan  | 2  |
| Password protection                                | Yes  |
| Audible alarm                                      | Yes  |
| Failed drive indicators                            | Yes  |
| Failed drive auto rebuild                          | Yes  |
| Online consistency check                           | Yes  |
| Online expansion                                   | Yes  |
| Array Roaming                                      | Yes  |
| Online RAID level/ stripe size migration           | 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  |
| Over 2TB support                                   | Windows OS which GPT supported<br>(Windows XP/x64, 2003/SP1 or 64-bit, Vista, 2008)<br>Mac OS 10 or later, Linux kernel 2.6 or later       |
| Power Supplies                                     | 400W x 2 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°C ~ 40°C (50°F ~ 104°F)   |
| Physical Dimensions:                               | 88(H) x 482(W) x 500(D)mm  |
| Weight   | 12.4 Kg (w/o Drives)   |

Specification are subject to change without notice.  
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**PROWARE TECHNOLOGY CORP.**  
Tel:886-2-2914-8001(Rep.) Fax:886-2-2914-7975  
<http://www.proware.com.tw> E-mail:info@proware.com.tw

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