

EPICa

EP - T803-S6S6 8bays Tower
6Gb SAS – 6Gb SAS/SATA RAID Subsystem



Highest Density Available

- Small Desktop Tower with 8 bays carriers
- Support Over 2TB

Extraordinary performance

- SAS2 Disk: The best performance of current storage interconnect interface, which also support SATA 6G interface.
- Better connectivity, higher data transfer rates.
- Advanced Data Guarding technology (RAID ADG) provides the highest level of data protection.
- RAID ADG (RAID 6) can tolerate multiple simultaneous drive failures without downtime or data loss.

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

Easy Installation, upgrade & Maintenance

- Provide a fast and easy way to install and upgrade the storage.
- Simplified maintenance reduces ongoing IT labor costs.

Green Power Thinking

- Save the power by adopt the new technology “MAID” (Massive Arrays of Idle Disks).

Features

- SAS 2.0 (6G) interface, compliant with SAS 1.0(3G) and SATAII device
- Supports RAID level 0, 1, 10 (1E) , 3, 5, 6, 30, 50, 60, JBOD
- Write-through or write-back cache 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.
- Dual host channels support clustering technology.
- Disk scrubbing/ array verify scheduling for automatic repair of all configured RAID sets
- Transparent data protection for all popular operating system.
- Support RAID ADG (RAID 6) which provides the highest level of data protection.
- Supports multiple array enclosures per host connection.
- Online RAID level migration.
- Support NTP protocol to synchronize RAID controller clock over the on-board Ethernet port

RAID Management

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



Series Technical Specifications

Model	EP-T803-S6S6
Form - Factor	8 Bays Tower
RAID Processor	800MHz RAID-On-Chip storage processor
RAID Level	0, 1, 10(1E), 3, 5, 6, 30, 50, 60 and JBOD
Cache Memory	512MB with ECC/REG protection
No. of Channels (host + drive)	2 + 8
Host Bus Interface	One 6Gb/s SAS (SFF-8088) port for Host One 6Gb/s SAS (SFF-8088) port for Host or Expansion (configurable)
Drive Bus Interface	6Gb/s SAS, 6Gb/s SATA
SAS Expansion	One 6Gb/s SAS (SFF-8088) (configurable)
Hot-Swap Drive Trays	Eight (8) 1-inch trays
Power Supply	400W Power Supply w/ PFC
Cooling Fans	2
Battery Backup	Option
R-Link Support	Yes
SNMP Protocol Support	Yes
Array Roaming	Yes
MAID Support	Yes
Power Requirements	100 ~ 240 VAC, 7A ~ 4A, 50Hz ~ 60Hz
Environment Detection	Temperature, Fan, Voltage
Relative Humidity:	10% ~ 85% Non-condensing
Operating Temp:	10oC ~ 40oC (50oF ~ 104oF)
Physical Dimensions:	351.4(H) x 155(W) x 400.6(D) mm
Weight	10 Kg (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 / E-mail Notification / Bad Block Auto-Remapping / Multiple RAID Selection / Online RAID Level Migration / Background RAID Initialization / S.M.A.R.T.

Specification is subject to change without notice.

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UNIFOSA 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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