

# EPICa

**EP-T803E1-SA3**

**EP-T803E1-S3A3**

**EP-T803E1-F4A3**

8bays Tower, U320 SCSI -SATA II,  
3Gb SAS-SATA II, 4Gb FC-SATAII RAID Subsystem



## **Highest Density Available**

- Small Desktop Tower with 8 bays carriers

## **Extraordinary performance**

- Advanced data guarding technology (RAID ADG) provides the highest level of data protection.
- RAID ADG can tolerate two 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

## **Green Power**

- MAID(Massive Arrays of Idle Disks) support

## **Feature**

- Supports RAID levels 0, 1, 10(1E), 3, 5, 6 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



# Series Technical Specifications

Model	EP-T803E1-SA3	EP-T803E1-S3A3	EP-T803E1-F4A3
<b>Form-factor</b>	8 Bays Tower	8 Bays Tower	8 Bays Tower
<b>RAID processor</b>	Intel IOP348 64 bit RISC	Intel IOP348 64 bit RISC	Intel IOP348 64 bit RISC
<b>RAID level</b>	0, 1, 10(1E), 3, 5, 6, JBOD	0, 1, 10(1E), 3, 5, 6, JBOD	0, 1, 10(1E), 3, 5, 6, JBOD
<b>Cache memory</b>	512MB ~ 4GB DDRII ECC SDRAM	512MB ~ 4GB DDRII ECC SDRAM	512MB ~ 4GB DDRII ECC SDRAM
<b>No. of channels (host+drive)</b>	2 + 8	2 + 8	2 + 8
<b>Host bus interface</b>	Ultra 320 LVD	Two 4x mini SAS(3Gb/s)	FC-AL x 2 (4Gb/s)
<b>Drive bus interface</b>	SATA II (3Gb/s, NCQ)	SATA II (3Gb/s, NCQ)	SATA II (3Gb/s, NCQ)
<b>Data transfer rate</b>	Up to 320MB/Sec	Up to 300MB/Sec	Up to 400MB/Sec
<b>Hot-swap drive trays</b>	Eight (8) 1-inch trays	Eight (8) 1-inch trays	Eight (8) 1-inch trays
<b>Online capacity expansion, RAID level/stripe size migration</b>	Yes	Yes	Yes
<b>Online volume sets expansion</b>	Yes	Yes	Yes
<b>Online array roaming</b>	Yes	Yes	Yes
<b>Online consistency check</b>	Yes	Yes	Yes
<b>SMTTP manager and SNMP agent</b>	Yes	Yes	Yes
<b>E-mail notification</b>	Yes	Yes	Yes
<b>Redundant Flash image</b>	Yes	Yes	Yes
<b>R-Link support</b>	Yes	Yes	Yes
<b>Support over 2TB per volume</b>	Yes	Yes	Yes
<b>Instant availability and background initialization</b>	Yes	Yes	Yes
<b>S.M.A.R.T. support</b>	Yes	Yes	Yes
<b>New disk insertion / removal detection</b>	Yes	Yes	Yes
<b>Failed drive auto rebuild</b>	Yes	Yes	Yes
<b>Continuous rebuild</b>	Yes	Yes	Yes
<b>Multiple RAID selection</b>	Yes	Yes	Yes
<b>Bad block auto-remapping</b>	Yes	Yes	Yes
<b>Audial alarm</b>	Yes	Yes	Yes
<b>Password protection</b>	Yes	Yes	Yes
<b>Tray lock</b>	Yes	Yes	Yes
<b>Hot-swap power supplies</b>	300W w/ PFC	300W w/ PFC	300W w/ PFC
<b>Cooling fans</b>	2	2	2
<b>Battery backup</b>	Option	Option	Option
<b>Power requirements</b>	AC 90V ~ 240V Full Range, 6A/3A at 115V/230V, 47Hz ~ 63Hz	AC 90V ~ 240V Full Range, 6A/3A at 115V/230V, 47Hz ~ 63Hz	AC 90V ~ 240V Full Range, 6A/3A at 115V/230V, 47Hz ~ 63Hz
<b>Environmental</b>			
<b>Relative humidity:</b>	10% ~ 85% Non-condensing	10% ~ 85% Non-condensing	10% ~ 85% Non-condensing
<b>Operating temp:</b>	10°C ~ 40°C (50°F ~ 104°F)	10°C ~ 40°C (50°F ~ 104°F)	10°C ~ 40°C (50°F ~ 104°F)
<b>Physical dimensions:</b>	351.4(H) x 155(W) x 400.6(D) mm	351.4(H) x 155(W) x 400.6(D) mm	351.4(H) x 155(W) x 400.6(D) mm
<b>Weigh</b>	9.8kgs (without drives)	9.8kgs (without drives)	9.8kgs (without drives)

Specification are subject to change without notice. All company and product names are trademarks of their respective owners.



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