

Fibrenetix-E¹ Trusted Name, Trusted Storage

Fibrenetix continues to set new standards with its new 16-bay **E¹ Series** of Storage Arrays. Combining innovative technology, optimal cooling and an almost vibration free environment, the **E¹ Series** is built to meet the highest standards demanded in an enterprise environment. The system is available with dual 4Gbit Fibre Channel or Ultra320 SCSI host connections to ensure the widest range of host connectivity.

Utilising the latest high capacity SATA II disk technology, a single fully populated **E¹** system offers a staggering 8 Terabytes of storage. All drive channels are configured as individual point-to-point links maximising performance and reliability. Recognising that high capacity triggers justifiable concerns in the area of integrity and data availability, the **E¹ Series** offers more data protection and higher availability than any other product in its class, supporting RAID level 6 for maximum data protection.

Overall System Reliability is further addressed by the use of purpose designed power modules. Unlike other vendors offering commodity based power supplies, the redundant 762 Watt **E¹** power modules ensure there is adequate margin for all future generation disk drives going to 15K and beyond. Fibrenetix intelligent cooling system continuously adapts to environmental conditions by automatically controlling the speed of the cooling fans. The system monitors numerous hot spots within the enclosure and around the disks. If the temperature increases in any area above a programmed threshold, the controller immediately increases the fan speed to optimise cooling.

Our unique (patent-pending) hot-swap *SmartLCD* display offers less downtime and more security than a traditional RAID system. Usually, if an LCD display fails or characters start to fade after a year or two, the complete system has to be returned to base. In addition, the removable *SmartLCD* prevents unauthorised user access, which can result in accidental reconfiguration or even loss of data with potentially disastrous consequences.

Ease of Management

The **E¹ Series** also boasts a sophisticated monitoring and alert system which can usually only be found in considerably more expensive products. The system administrator can monitor and receive alerts via the onboard Ethernet connection. The built-in software supports any internet browser and alerts can be sent via POP3 emails, SNMP or network broadcasting, ALL without any installation of software or drivers on the host. All monitoring software is embedded into the controller making the **E¹ Series** one of the few truly heterogeneous controllers on the market.



TECHNICAL SPECIFICATIONS

RAID Controller	64-bit RISC 400MHz Microprocessor
RAID Design	Cableless Intelligent Backplane Integration
Max. Supported # Drives	16x SATA-II HDDs
High Security RAID Level	RAID-6
Supported RAID Levels	JBOD, 0, 1, 0+1, 3, 5 and 6
Memory Bus	High Speed PCI bus
Memory	512MB standard, upgradeable to 1 GB
Host Bus Interface	4Gbit Fibre Channel / Ultra320 SCSI
Host Bus Channels	2 Channels
Disk Bus Interface	3 Gbit PHY Serial-ATA II
Disk Bus Channels	16 Independent Channels
Host Requirement	Host Independent and Transparent
Operating Systems	OS Independent and Transparent
Max. HDD Capacity	500 GB
Maximum Subsystem Capacity	8 Terabytes
Hot Swap Components	HDD, PSU & Fan modules and <i>SmartLCD</i>
Management	RS-232, Web-browser and SNMP
Alerts	Audible alarm, LEDs, RS-232, Web-browser, POP3 Email and SNMP traps
Power Requirements & Certification	110/240VAC, 50/60Hz auto-sensing. Dual independent 762 watt power supplies. FCC Class-A & CE compliant, TUV, UL1950, CSA-950
Form Factor	3U, 19" Rackmount
Weight	25 KG (without disk drives)

NB: Specifications subject to change without prior notice. Various trademarks belong to their respective owners

