

Enterprise Reliability, Speed and Quality

Fibrenetix E-Series continues to break new boundaries with the new 16-bay E2 storage system. Designed and developed with high performance, high bandwidth applications in mind, the E2 meets the needs of the most demanding enterprise environment. E2 boasts state of the art dual 4Gbit Fibre Channel host connections to SATA-II drive technology and provides a massive 12 Terabytes of storage in a single 3U 19" rackmount enclosure.

When it comes to performance and RAID configuration the E2 is simply outstanding. Featuring a new advanced RAID engine for superior performance, customers are seeing more than 600MB/s in AV applications. Enhanced Firmware enables the system to be optimized for specific environments, offering exceptional functionality and flexibility. Even the I/O random access element has been upgraded giving improved performance in random applications.

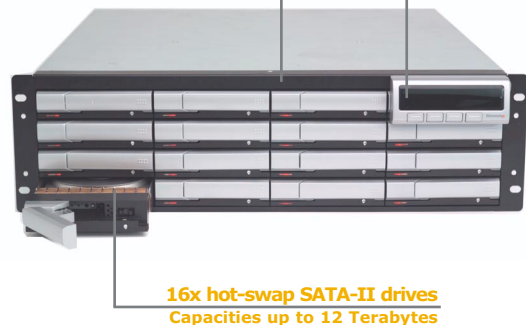
The E2 also boasts a sophisticated, but very easy to use management and alert system which is usually only found in significantly more expensive products. All monitoring software is embedded into the controller making the E2 one of the few truly heterogeneous controllers on the market.

E2 benefits from all the established features of our successful E1 series including:

- Powerful 560W redundant PSU's with adequate margin for future generation disk drives to 15K and beyond
- Intelligent cooling system which continuously adapts to environmental conditions by automatically controlling the speed of the fans for optimal cooling
- Sophisticated monitoring and alert system enabling the system administrator to monitor and receive alerts via onboard Ethernet connection
- Built-in management 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.
- Unique hot-swap SmartLCD, push-button removal for added security and easy replacement
- Compatible with major brands of video editing, capture and playback cards, devices and software.
- Selectable RAID levels: JBOD, 0, 1, 0+1, 3, 5 plus RAID-6 for the ultimate protection of your valuable data
- 512MB cache as standard
- High-quality caddy system offering the best protection of hard drives and data.
- Robust 3U 19" rackmount enclosure

Dual 4Gbit Fibre Channel Interface
High-speed 64-bit RAID Controller

Unique hot-swap SmartLCD
Push button for easy removal



16x hot-swap SATA-II drives
Capacities up to 12 Terabytes



Each E2 contains powerful dual 560W
redundant PSU & fan modules

TECHNICAL SPECIFICATIONS

Product Code	E2-1652-FC4 (4Gbit Fibre Channel to SATA-II)
RAID Controller	64-bit PowerPC Processor
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
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	750 GB
Max. Subsystem Capacity	12 Terabytes
Hot Swap Components	HDD, PSU & Fan modules and SmartLCD
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 560 watt power supplies. Certifications pending.
Form Factor	3U, 19" Rackmount
Weight	25 KG (without disk drives)

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