

Enterprise Reliability, Speed and Quality

Fibrenetix E-Series continues to grow with the E2 16-bay and 12-bay storage systems. 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 32 Terabytes of storage in a single 16-bay, 3U 19" rackmount enclosure and 24 Terabytes in the 2U, 12-bay system.

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 up to 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
- 1GB cache as standard, upgradeable to 2GB
- High-quality caddy system offering the best protection of hard drives and data.
- Robust 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 32 Terabytes

12-bay, 2U 19" rackmount system
Capacities up to 24 Terabytes



TECHNICAL SPECIFICATIONS

Product Codes	E2-1652-F141-A1 (16-bay, with 1GB standard memory) E2-1652-F241-A1 (16-bay, with 2GB memory upgrade) E2-1252-F141-A1 (12-bay, with 1GB standard memory) E2-1252-F241-A1 (12-bay, with 2GB memory upgrade)
RAID Controller	64-bit PowerPC Processor
RAID Design	Cableless Intelligent Backplane Integration
Max. Supported # Drives	16x SATA-II HDDs / 12x 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	1 GB standard, upgradeable to 2 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 / 12 Independent Channels
Host Requirement	Host Independent and Transparent
Operating Systems	OS Independent and Transparent
Max. HDD Capacity	2 Terabyte
Max. Subsystem Capacity	32 Terabytes (16-bay) / 24 Terabytes (12-bay)
Hot Swap Components Management	HDD, PSU & Fan modules and SmartLCD
Alerts	RS-232, Web-browser and SNMP Audible alarm, LEDs, RS-232, Web-browser, POP3 Email and SNMP traps
Power Requirements	110/240VAC, 50/60Hz auto-sensing. Dual independent 560 watt power supplies.
Form Factor	3U, 19" Rackmount (16-bay) 2U, 19" Rackmount (12-bay)
Weight (without HDDs)	25 KG (16-bay) / 20KG (12-bay)

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