

E8 Series

High Reliability SAS/SATA Drive Technology with 4x 8Gbit Fibre Channel Host Connections



FibreNetix E8 RAID storage is the powerhouse of the E-Series product line. Designed and developed for today's most demanding content creation and media applications, the E8 offers unparalleled performance of up to 1900MB/sec when fully loaded with SAS drives and 1500MB/sec with SATA drives. Whether you work with HD, 2K or 4K material, E8 meets your performance needs.

E8 Highlights:

Latest Intel technology processor, taking transfer rates to a new industry level.

- 4x 8Gbit Fibre Channel host connections
- 2GB Cache as standard, upgradeable to 4GB
- Dual Active/Active RAID controller option (SAS drives only) for maximum fault tolerance
- Supports high performance SAS, 3Gbit SATA-II, 6Gbit SATA-III & Solid State Disks, pushing transfer rates and reliability to a new benchmark
- Selectable RAID levels: JBOD, 0, 1, 0+1, 3, 5, 30, 50, 60 plus RAID-6 for the ultimate protection of your valuable data
- NEW Firmware and GUI interface, with optional LUN masking capabilities
- Optional multi-lane SAS connector for expandability and scalability – add JBOD storage to connect up to 120 HDDs
- High-end enterprise E-Series caddy system offers the best protection of hard drives and data, supporting 10K & 15K RPM hard drives
- Flexibility to use SAS and SATA drives simultaneously in a single E8 enclosure
- Powerful dual redundant PSU's – offering sufficient power to support high performance hard drives and controller
- With increased reliability and MTBF (mean time between failures) of critical components 'Environmentally friendly' E8 supports industry standard MAID technology (spinning down drives when not in use), considerably reducing power consumption
- Intelligent cooling system 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 most internet browsers and alerts can be sent via POP3 email, 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 (16-bay systems only)
- Robust 2U 12-bay, 3U 16-bay or 4U 24-bay 19" rackmount enclosure



E8 24-BAY STORAGE SYSTEM





Dual Controller and ALUA

When users require minimum downtime then Fibrenetix E88 dual controller subsystems provide the ideal solution. E88 offers Dual Active/Active RAID controllers for maximum fault tolerance. Failover is supported via industry standard ALUA (Asymmetric Logical Unit Assignment) currently the standard in MAC OS X, Windows 2008 and Windows 2012.

E88 is a true enterprise class product supporting SAS 15K rpm drives, usually only available with more expensive products.

Fibrenetix E88 offers high scalability via 3x SAS expander port connections to Fibrenetix E88 JBOD family of 12, 16 and 24-bay enclosures. E88 JBOD enclosures can be mixed and matched to support up to 120 devices, offering a staggering total of 1200 Terabytes or 1.2 Petabytes per RAID controller subsystem.

Enterprise Reliability... Without The Enterprise Pricepoint

The E8 is based on Fibrenetix E-Series enclosure, with several years proven track record as one of the most reliable enclosures in its class. The total cableless design supports Fibrenetix Smart Cooling Technology, with a caddy system that protects all hard drives and data against vibration and electronic interference.

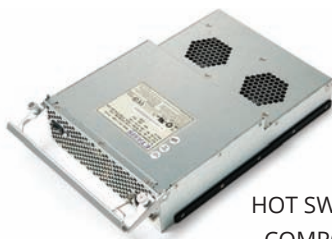
About Fibrenetix

For 20 years, Fibrenetix has been a leader in the manufacture and servicing of high performance, cost-effective storage solutions for the closed-circuit television (CCTV) and post-production industries.

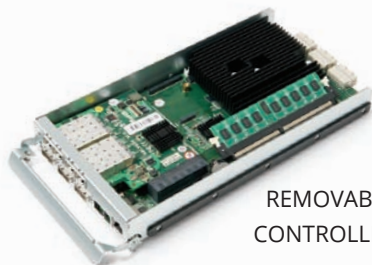
TECHNICAL SPECIFICATIONS

Product codes	E8 12-bay	E8 16-bay	E8 24-bay
Single Controller	E8-1264-F281-A1	E8-1664-F281-A1	E8-2464-F281-A1
Plus Battery Back-up	E8-1264-F281-B1	E8-1664-F281-B1	E8-2464-F281-B1
Dual Controller	E88-1264-F281-A1	E88-1664-F281-A1	E88-2464-F281-A1
Plus Battery Back-up	E88-1264-F281-B1	E88-1664-F281-B1	E88-2464-F281-B1
RAID Controller	Intel 800MHz Processor		
RAID Design	Cableless Intelligent Backplane Integration		
High Security RAID Level	RAID-6		
Supported RAID Levels	JBOD, 0, 1, 0+1, 3, 5, 6, 30, 50, 60		
Memory Bus	High Speed PCI bus		
Memory	2GB DDR2-800 SDRAM with ECC protection (upgradeable to 4GB)		
Host Bus Interface	8Gbit Fibre Channel		
Host Bus Channels (E8)	4 Channels		
Host Bus Channels (E88)	2x 4 Channels		
Disk Bus Interface	3Gbit or 6Gbit SATA / SAS		
Disk Bus Channels	12 Independent Channels	16 Independent Channels	24 Independent Channels
Host Requirement	Host Independent and Transparent		
Operating Systems	OS Independent and Transparent		
Max. HDD Capacity	6 Terabytes		
Max. Subsystem Capacity	72 Terabytes	96 Terabytes	144 Terabytes
Hot Swap Components	HDD, PSU & Fan modules	HDD, PSU & Fan modules and SmartLCD	HDD, PSU & Fan modules
Management	RS-232, Web-browser and SNMP		
Alerts	Audible alarm, LEDs, RS-232, Web-browser, POP3 Email and SNMP traps		
Power Requirements	110/240VAC, 50/60Hz auto-sensing		
Power Supply Units	Dual independent 400 watt PSU	Dual independent 560 watt PSU	4x independent 400 watt PSU
Form Factor	2U 19" Rackmount	3U 19" Rackmount	4U 19" Rackmount
Weight (Without Disk Drives)	20KG	25KG	40KG

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



HOT SWAPPABLE COMPONENTS



REMOVABLE CONTROLLERS



E88 DUAL CONTROLLER