E88 Series – High Performance, iSCSI RAID System

E88-1262-iS4101-2U

E88-2462-iS4101-4U

Fibrenetix E88 RAID Storage represents the pinnacle of the E-Series, boasting the latest generation technology and offering a choice of twelve or twenty-four storage bays, available in both iSCSI and Fibre Channel configurations. Meticulously engineered to cater to the exacting requirements of modern Video Surveillance installations, the E88 sets new benchmarks for performance and reliability. Additionally, it allows for remarkable expansion potential, supporting up to 7 JBODs with a capacity limit of 512 HDDs.

E88 Highlights – Unleashing Unparalleled Performance for Surveillance Applications

Welcome to the cutting-edge world of Fibrenetix E88-Series, the new generation of highly scalable storage solutions meticulously tailored to address the rigorous demands of medium-range to high-end surveillance applications. Leveraging our state-of-the-art video streaming chip technology, the E88-Series sets a new standard by delivering a minimum of 30% higher performance compared to any other product currently available on the market. With the capability to accommodate at least 30% more cameras per storage controller, this robust and innovative offering ensures seamless and uninterrupted operations, making it an indispensable asset for surveillance professionals.

Versatile Configurations

The E88-Series showcases its versatility with two distinct options: a 12-bay model and a 24-bay powerhouse, allowing users to select the ideal configuration to suit their specific requirements. Furthermore, clients have the choice between Fibre Channel and iSCSI technologies, providing flexibility in integrating the E88-Series into their existing infrastructure seamlessly. Supporting two host interface options - 10Gb/s iSCSI or 32Gb/s FC - this series enables lightning-fast data transfer rates, ensuring optimal performance and responsiveness.

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Fibrenetix knows the criticality of system reliability in surveillance operations. Therefore, the E88-Series adopts a single or dual RAID controller modular design, ensuring the highest level of data protection and system stability. The hot-swap and redundant components further enhance system availability, minimizing downtime and maximizing productivity. The E88-Series also empowers users with advanced configuration settings to optimize video performance, enabling fine-tuning for specific surveillance scenarios. In addition, with the ability to perform Hard Drive Firmware Updates all at once and support read/write cache allocation by policy, this series offers a level of customization and efficiency that is second to none.

Redundancy, Efficiency, and Beyond

The Fibrenetix E88-Series embodies the convergence of technological brilliance and unwavering commitment to delivering unmatched performance and reliability. Whether it's safeguarding critical assets or monitoring public safety, the E88-Series stands ready to elevate surveillance experiences to new heights.

E88 0-BAY 1U

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E88 Series

Technical Specifications

Product Versions	E88-1U	E88-2U 12-bay	E88-4U 24-bay
RAID Controller	Dual Core 1.2GHz Processor		
RAID Design	-	Cableless Intelligent Backplane Integration	
Memory	2GB DDR4-800 (up to 8GB)	4GB DDR4-800 SDRAM With ECC protection (upgradeable to 8GB)	
Storage Bays	-	12x Hot-swap	24x Hot-swap
Max. HDD Capacity	-	20TB	
Maximum Raw Storage Capacity	-	240TB	480TB
High Security RAID Level	RAID-6		
Supported RAID Levels	JBOD, 0, 1, 0+1, 3, 5, 6, 30, 50, 60		
Host Bus Interface	10Gbit/s via SFP+ or 8Gbit/s, 16Gbit/s, 32Gbit/s Fibre Channel		
Host Bus Channels	2x2 Channels iSCSI or 2x2 or 2x4 Fibre Channels		
Disk Bus Interface	12Gbit/s		
Disk Bus Channels	–	12 Independent Channels	24 Independent Channels
Host Requirement	Host Independent and Transparent		
Operating Systems	OS Independent and Transparent		
Hot Swap Components	PSUs Modules	HDDs, PSUs and Fan Modules	
Management Solution	RS232, Web-browser and SNMP		
Alerts	Audible Alarm, LEDs, RS232, Web-browser, POP3 Email and SNMP traps.		
Power Supply	2 x Independent 200 Watts Power Supply	2 x Independent 550 Watts Power Supply	2 x Independent 550 Watts Power Supply
Voltage	100-127 Vac, 200-240Vac 50/60Hz auto-sensing		
Dimensions – mm (D x W x H)	400 x 445 x 43.5 (1U)	506 x 445 x 88.2 (2U)	506 x 445 x 176.4 (4U)
Net Weight (HDDs not included)	9.5Kgs	28Kgs	35Kgs
Environment	Operation temperature: 0°C ~ 40°C Non-operation temperature: -40°C ~ 70°C		
Relative Humidity (%)	Non-operation humidity: 10% ~ 80% (Non-condensing)		
Accessories	2 x Power Cords, Warranty Card, Quick-User Guide		
Certification	BSMI, CE, RCM, FCC(Class A)		
Warranty Period	3 Years		
BTU/Hr	683.84	1,880.55	1,880.55

Specifications are subject to change, without prior notice