



Data sheet

JBOD Expansion – 12 and 16 Bays JBOD



E88-1262-J31-A1 12-BAYS 2U



E88-1662-J31-A1 16-BAYS 3U

12- and 16-bay JBOD Expansion. Built for the CCTV surveillance industry. Enterprise reliability. Space, Power, Coolant efficient.

Ultra-density and Scalable Storage

The demand for highly robust video surveillance storage has been growing exponentially in recent years. New high-resolution IP Cameras are deployed in greater numbers, with requirements for increased retention periods, from 30 days to 120 days.

This ongoing growth has increased the requirement for huge storage capacity of video data, especially in the sector of +500 cameras and upwards. The Fibrenetix Series of Enterprise class storage enclosures and servers address these industry requirements for huge storage capacity and demanding recording server performance.

The 12-BAYS JBOD storage enclosure offers an impressive storage capacity of up to 216TB using 18TB hard drives. The E88-1262-J31-A1 and the E88-1662-J31-A1 JBOD enclosures, are compatible with all Fibrenetix products, including E-Series FC and iSCSI Storage (IP SAN), SVS Servers and GOLD Servers.

Providing a truly versatile product, with one of the best cost per GB ratios in the CCTV industry today. Enterprise reliability is achieved via the dual SAS controllers which are hot-pluggable and provide complete failover service for Fibrenetix Storage and Server products.

Features:

- 2U 12-bay or 3U 16-bay
 - SAS/SATA drives
- Up to 288PB per 3U enclosure
- Redundant Hot Swap Drive, SAS, Power and Cooling module
- Dual I/O controller for Redundant servers
- Supports up to 2400 MB/sec bandwidth per controller module

Applications:

- CCTV Enterprise Class
- Media & Entertainment
- Medical
- Data Center
- BIG DATA and Cloud Business

3:0 JBOD Expansion

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Technical Specifications

JBOD Storage Expansion	E88-1262-J31-A1	E88-1662-J31-A1
Enclosure Form Factor 19" Rackmount	2U 12-bay	3U 16-bay
No. of Drive Bays	12	16
Max. HDD Capacity Supported	18TB	18TB
Max. RAW Storage Capacity	216TB	288TB
Drive Support	12Gb/s SAS and SSDs – 6Gb/s SATA (single controller only if SATA)	
Device Form Factor	3.5" (up to 18TB per drive)	
I/O Controller Host Interface	12 Gb/s SAS 3	
Expansion Interface	3 × port SFF-8644 per controller	
Controller Support	12Gb/s Host-based RAID Controller cards and HBAs with external connectivity Fibrenetix, E-series (iSCSI) – SVS servers and Gold Series Servers	

Hot Swappable and Redundancy		
Disk Drives	Hot-Swap	
Power Supply	2 x independent 400 Watts Power Supply	2 x independent 560 Watts Power Supply

Monitoring & Notifications	
LED Indicators	Identify Enclosure Power ON Activity / Fault for each Individual Drive Caddy

Raid Controller	
	Fibrenetix RAID 5&6 - E-Series and Server ranges
Dimensions (W × H × D, mm)	440 × 88 × 520 - 2U
Weight (kg)	20.0 Kgs
Safety Standards	SCSI Enclosure Services (SES) 2.0 based

Operational Environment	
Temperature	10°C to 35°C
Relative Humidity (%)	20% to 90% (non-condensing)
BTU/Hr	1,367.68
Certification	BSMI, CE, RCM, FCC(Class A)
Warranty Period	3 Years

*Specifications are subject to change, without prior notice.