



Data sheet

# JBOD Expansion – 12 Bays JBOD



JBOD Expansion 12-Bays

12 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 264TB using 22TB hard drives. The 2U JBOD enclosures are compatible with all Fibrenetix products, and are 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 – SAS/SATA drives
- Up to 264TB per 2U 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



### Technical Specifications

<b>Product Category</b>	<b>JBOD Storage Expansion 12-bay</b>
<b>Enclosure Form Factor 19" Rackmount</b>	2U 12-bay
<b>No. of Drive Bays</b>	12
<b>Max. HDD Capacity Supported</b>	22TB
<b>Max. RAW Storage Capacity</b>	264TB
<b>Drive Support</b>	12Gb/s SAS and SSDs – 6Gb/s SATA (single controller only if SATA)
<b>Device Form Factor</b>	3.5" (up to 22TB per drive)
<b>I/O Controller Host Interface</b>	12 Gb/s SAS 3
<b>Expansion Interface</b>	3 × port SFF-8644 per controller
<b>Controller Support</b>	12Gb/s Host-based RAID Controller cards and HBAs with external connectivity Fibrenetix, E-series (iSCSI) – SVS servers and Gold Series Servers
<b>Hot Swappable and Redundancy</b>	
<b>Disk Drives</b>	Hot-Swap
<b>Power Supply</b>	2 x independent 560 Watts Power Supply
<b>Raid Controller</b>	Fibrenetix RAID 5&6 - E-Series and Server ranges
<b>Dimensions (W × H × D, mm)</b>	88.2 x 482 x 542 mm
<b>Weight (kg)</b>	28 Kgs
<b>Safety Standards</b>	SCSI Enclosure Services (SES) 2.0 based
<b>Operational Environment</b>	
<b>Temperature</b>	0 °C to 40 °C
<b>Relative Humidity (%)</b>	10% to 85%, non-condensing
<b>BTU/Hr</b>	1914.75
<b>Certification</b>	BSMI, CE, RCM, FCC(Class A)
<b>Warranty Period</b>	3 Years

\*Specifications are subject to change, without prior notice.