MiniBOD-T082

MiniBOD Series

AIC

Features
High performance, small footprint portable storage device
Plug and access capability
Fail-over application for mission critical data
Environmental Management

(Optional) Front Bezel Colors:

Red	Orange	Yellow	Mint	Blue	Purple

Dimensions (W x D x H)

mm : 120 x 215.5 x 216.7
inches : 4.7 x 8.5 x 8.5

⬙ High Performance, Small Foot Print

Ever imagine having all your video/ graphic files stored in a small storage device and carry it with you whenever you go? Imagine no more as such device has come to fulfill your need. How about retaining up to 2.5TB of storage in a 8x8x5 cubic inches device, and accessing it at 2.4GB/s bandwidth? Simply populate up to eight (8x) SFF 2.5-inch SAS/SATA hard drives, connect AC-to-DC power adapter and SFF8088 cables to the MiniBOD to experience the innovation of portable storage technology.

• *High IOPS storage reads and writes from/to eight (8x) Small Form Factor (SFF) 2.5-inch SAS/SATA drives at up to 2.4GB/s bandwidth.*
• *Up to 2.5TB of storage retained in a portable foot print of 8 x 8 x 5 cubic inches.*

⬙ Plug and Access Capability

Simply connect the MiniBOD to SFF8088 external mini-SAS ports of any host server of identical RAID configuration to access your data in no time. Both SAS and SATA drives can be mix-matched in MiniBOD. Users have the options to use all SATA drives for maximum capacity, or all SAS drives for optimum performance. MiniBOD users also have the options to turn on the drive failure function by simply connecting the rear DB9 port to the HBA for LED signal transfer.

• *SFF8088 connector for host servers of the same RAID configuration.*
• *AC-to-DC power adapter - 4-pin Din Jack for power input (+12V/10A)*

⬙ Fail-over Application for Mission Critical Data

Dual two-in-one SFF8088 mini-SAS ports available for fail-over applications that need redundant connectivity to host server. This feature prevents data loss while users access, edit, overwrite and save data into this portable storage device.

⬙ Environmental Management

Besides its high performance and portability features, MiniBOD is equipped with environmental management functionality to protect your data. Red LEDs indicator and acoustic alarm will notify users during the incidents of fan failure and over temperature.

• *Red LED indicators for fan failure and temperature management*
• *Rear mute switch to offset alarm triggered by fan failure and over temperature*
• *DB9 Connector for hard drive failure LED signal input (active low) driven by Host Bus Adapter (HBA)*

FC   CE   Serial Attached SCSI   SERIAL ATA   RoHS

SPECIFICATIONS

GENERAL

Host Interface	2-in-1 SFF8088 for SAS port x 2 (Primary & Secondary)
Transfer Speed	1,200MB/s per connector

DRIVES SUPPORTED

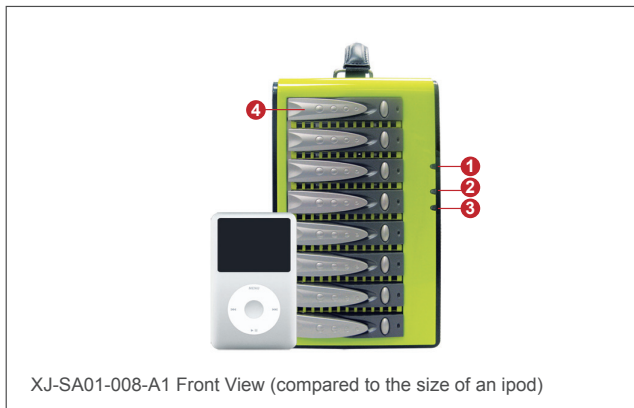|	
Drive Interface	3Gb dual ported SAS, 1.5/3.0Gb single ported SATA
Drive RPM	Up to 15,000
Form Factor	SFF 2.5"

HOT-SWAP & REDUNDANCY

Disk Drive	Hot-swap 8-bay
Cooling	2 x 80x25mm fans
Power Supplies	150W Power Adaptor

PHYSICAL SPECIFICATION

Packaging Dimension (W x D x H)	mm	440 x 660 x 340 (2-pack)

Ordering Information

Part Numbers	Descriptions
XJ-SA01-008-A1	SAS/SATA Mini JBOD tower with 150W power adapter, 8x2.5 bays

XJ-SA01-008-A1 Front View (compared to the size of an ipod)

XJ-SA01-008-A1 Rear View

Front Panel Features

❶	Power on/off LED	Power on/off system
❷	Over Temperature LED	LED indicate the system exceeds the threshold temperature
❸	Fan Fail LED	LED indicate the fan fail
❹	HDD tray	Drive tray for SFF 2.5-inch drive

Back Panel Features

❶	Power Switch	Power on/off this device
❷ ❸	Mini SAS Host Connector (Primary)	2-in-1 SFF8088 for SAS/SATA port ❷ HDD 1~4 ❸ HDD 5~8
❹ ❺	Mini SAS Host Connector (Secondary)	2 in one SFF8088 for SAS port ❹ HDD 1~4 ❺ HDD 5~8
❻	HDD Fail LED Connector	DB9 Connector for HDD fail input
❼	Buzzer Mute Switch	To stop the beep
❽	Power Input	Mini Din Jack 4-pin (+12V/10A)