



Advanced Industrial Computer, Inc.

PSG Platform Solutions Group XSTORE Xtore Extreme Storage

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Enabling Your Server and Storage Solutions

MiniBOD series High Performance SFF 2.5" Portable Storage Device

The industry's highest performance portable storage device with 2.5-inch SFF SAS/SATA drives designed for mission-critical data applications

KEY FEATURES & BENEFITS

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)



XJ-SA01-008-A1 Front 45° View

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)

MiniBOD series

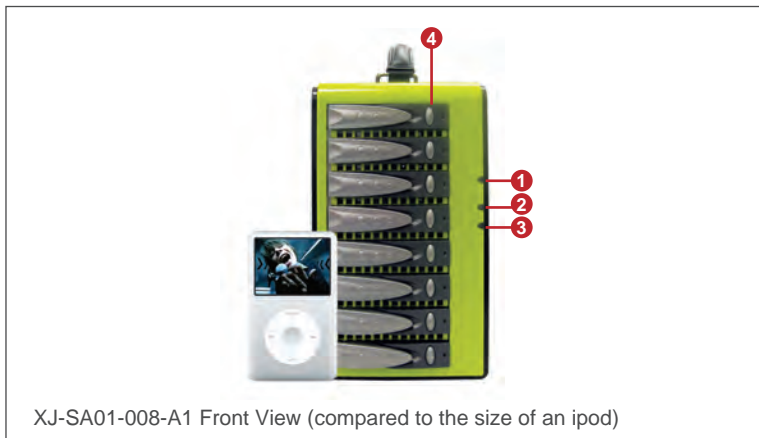


SPECIFICATIONS

Model Number	XJ-SA01-008-A1
Host	2-in-1 SFF8088 for SAS port x 2 (Primary & Secondary)
Drive interface	SATA/SAS
Hotswap HDD	8 x 2.5" SFF drives
Capacity *	2.5TB
LED Indicators	Power, HDD activity, failure, over temp, fan fail
Buzzer	Buzzer alarm and mute button

Power supply	100W 12V Adapter as power supply
AC Input	AC-to-DC power adapter - 4-pin Din Jack for power input (+12V/10A)
Cooling Fan	80mm x 2
Dimension(mm)	120(W) x 215.5(D) x 216.7(H)
Certification	FCC, CUL, CE, CB, ROHS compliance

* Depend on capacity of single drive. 2.5TB is based on 320GB drive



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
❷❸ Mini SAS Host Connector (Primary)	2-in-1 SFF8088 for SAS/SATA port (Primary)
❹❺ Mini SAS Host Connector (Secondary)	2 in one SFF8088 for SAS port (Secondary)
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)

Optional Front Bezel Colors:



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