



# Fibre Channel

## J1000 Fibre Channel JBOD

iQstor delivers a JBOD enclosure that provides additional expansion capability to the company's iQ1000 Storage System as well as bringing administrators a modular approach to deploying storage that is easily upgradeable from JBOD to a highly intelligent system as storage initiatives grow. The J1000 JBOD enclosure.

Created as a rugged, easy-to-implement and easy-to-use workhorse, the J1000 delivers a scalable, reliable and compatible solution for small-to-midsize business. As a modular component, the J1000 enables storage administrators quickly and cost-effectively optimize storage solutions to changing application and network environments by using a "building block" approach. Easily connected to RAID subsystems, each J1000 enclosure scales from 36GB to 4.5TB (with 15 300GB drives), allowing the creation of very large SAN systems as needs arise. With fully redundant, hot swappable components for disk drives, power supplies, cooling modules and Fibre Channel hub assemblies, the J1000 ensures high availability. And, the J1000 supports the latest Fibre Channel 2 Gb/sec. interconnect, is backward compatible with 1 Gb/s FC-AL devices, and a dual loop configuration provides redundancy and performance of up to 200MB/sec on each loop.

### Comprehensive In-Band or Out-of-Band Management

The J1000 delivers unique and comprehensive storage management to increase storage efficiencies and productivity. The J1000 JBOD enclosure supports in-band management when used with a SES-compatible RAID controller or HBA; the J1000 also can also be remotely monitored via Ethernet connector.

### Delivers Storage Investment Protection

As your storage needs evolve, the J1000 is designed to deliver substantial investment protection by allowing easy upgrade to an iQ1000 storage system by installing two SP100 storage processor modules in the enclosure. With these optional modules, administrators gain the ability for enhanced storage functionality including RAID, storage virtualization, snapshots and remote replication services to support your infrastructure as your storage requirements grow.

All in all, the J1000 is a wise selection for companies seeking to implement storage that is easy to deploy, easy to manage and provides an upgrade path to enable a highly intelligent storage infrastructure.

**iQstor's J1000 JBOD enclosure allows SMBs and SMEs to:**

- **Deploy a highly available 2Gb JBOD solution to support business initiatives**
- **Implement modular storage components to cost-effectively optimize and scale the storage infrastructure**
- **Easily manage storage resources -- either in-band or out-of-band**
- **Provide an easy upgrade path to advanced storage intelligence features**

**iQstor's J1000 is well suited to serve applications in the following industries:**

- **Financial services**
- **Life sciences and healthcare**
- **Manufacturing**
- **Oil and gas**
- **Retail**
- **Education**



## > J1000 Fibre Channel JBOD Specifications

Host Interface	
Connectivity	One DB-9 connector per HB101 hub module
Management	
In-Band	SCSI Enclosure Services (SES)
Out-of-Band	MPC using iQstor Protocol
Drive Interface	
Number of Disk Drives	Up to 15
Interface	Dual (up to 120 HDD) or single (up to 240 HDD) FC-AL back-end loops
Capacity/Form Factor	36/73/146/300GB; 3.5", 1" high
Maximum Capacity per Enclosure	2.2TB with 146GB drives
Maximum Capacity per Subsystem	17.6TB with 146GB drives
Power Specifications	
AC Input	90-260 VAC, 47-63 HZ, auto-ranging, PFC
DC Output	Dual 400 watt, redundant
Operating Environment	
Temperature	10°C to 40°C
Relative Humidity	20% to 80%
Certification	FCC/CISPR 22 Class A, BSMI, UL/CUL, CE
Dimensions	
Rack Mount Unit	5.219" H x 17.56" W x 24.50" D 3U EIA high (19" rack mount)
Weight	
Rack Mount Unit	41.5 kg. (91.5 lbs.)
Software	
iQstor SAN Manager	Local or remote management, monitoring, configuration and call home
Host Platform Support	Microsoft Windows, Linux, Sun Solaris, IBM AIX and HP-UX

Compliments of: 



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