



Serial ATA

J1200 SATA JBOD Enclosure

iQstor's J1200 SATA JBOD enclosure allows SMBs and SMEs to:

- **Deploy a highly affordable 2Gb JBOD solution to support business initiatives**
- **Implement modular storage components to cost-effectively optimize and scale the storage infrastructure**
- **Easily create SATA-based solutions for secondary storage applications**

J1200 is well suited to tiered storage uses, especially for applications that require storage with varying performance, availability and cost characteristics such as:

- **Virtual tape library**
- **Disk-to-disk-to-tape backup**
- **Snapshot repository**
- **Remote mirroring destination**
- **Pre-staging for final archive**
- **Fixed content, reference material and digital media**
- **Electronic vaulting**
- **Video surveillance**

For growing companies that require a cost-effective Serial ATA (SATA) JBOD enclosure, either to build a standalone storage resource or support an existing storage networking solution, iQstor has the answer: the economical J1200 SATA JBOD. With the J1200, 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 tiered storage solutions for applications that require storage with varying performance, availability and cost characteristics.

Created as an affordable, easy-to-implement and easy-to-use enclosure, the J1200 delivers a scalable, reliable and compatible solution for small-to-midsize business. As a modular component, the J1200 enables storage administrators to quickly and cost-effectively optimize storage solutions for diverse fixed content applications in digital media and imaging to near-line and archiving applications for financial, legal, security and educational institutions. Easily connected to RAID subsystems, each J1200 enclosure scales to 6TB per enclosure (using fifteen 400GB drives), allowing the creation of extremely large SAN systems as needs arise. With fully redundant, hot swappable components for disk drives, power supplies, cooling modules and JBOD controllers, the J1200 ensures high availability.

Perfect for fixed content or tiered storage applications

As companies turn to the benefits of tiered storage in their data centers, the J1200 is a smart choice for IT personnel tasked with deploying a comprehensive and cost-effective storage infrastructure. In tiered applications, primary storage (usually Fibre Channel disks) is used for mission critical information that has the highest value and importance. For business-important information, a secondary storage platform is used, and in this capacity the J1200 enables an affordable, resilient solution for storage of operational data such as e-mail, departmental file data, reference information, certain CRM/ERP data and multimedia content. Using the J1200 in tiered applications delivers a solution for a wide range of applications that require storage with varying performance, availability and cost characteristics -- from virtual tape, snapshot, mirroring and archive use, to fixed content, reference material, digital media, security or in electronic vaulting -- at a cost-effective price.

> J1200 SATA JBOD Enclosure Specifications

Host Interface	
Connectivity	Four 2Gb Fibre Channel connectors (2 in, 2 out)
Management	
In-Band	SCSI Enclosure Services (SES)
Out-of-Band	MPC using iQstor Protocol
Drive Interface	
Number of Disk Drives	Up to 15
Interface	SATA
Capacity/Form Factor	80/160/250/400GB; 3.5", 1" high (7200 RPM)
Maximum Capacity per Enclosure	6TB with 400GB drives
Power Specifications	
AC Input	90-260 VAC, 47-63 HZ, auto-ranging, PFC
DC Output	Dual 460 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	5.20" H x 17.58" W x 18.70" D 3U EIA high (19" rack mount)
Weight	
Rack Mount Unit	36 kg. (79 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

