

VIDEO STORAGE FOR CREATIVE WORKGROUPS



# SHARED STORAGE SYSTEM



10Gb iSCSI SAN & NAS, 4Gb Fibre Channel and,  
the Ability to Bridge Your Existing Storage...

# ALL IN ONE BOX.

## OVERVIEW:

Compatible with Final Cut Pro, Avid, Pro Tools, Adobe Premiere Pro and other professional applications.

- > File/Volume Sharing
- > Optional 10Gb Ethernet
- > RAID protection and advanced disk provisioning
- > 4Gb Fibre Channel, up to 8 ports
- > Up to 32 Terabytes
- > Q:COMPLETE Tech Support
- > 1Gb Ethernet, up to 6 ports
- > Multiple streams of uncompressed HD

## FEATURES

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### Supported Client Operating Systems

Mac OS 10.4.8 – 10.5.X

Windows XP32bit/XP64bit/2003 Server Standard

### Filesystems Supported (Client)

**SAN** : HFS+ and NTFS

**NAS** : SMB/CIFS

### Per Volume Permissions (SAN)

Read/Write, Write Exclusive, Read+,  
Read Only, No Access

### Data Protection Levels Per Volume

RAID 0, 5, 10

### Maximum Volume Size

Up to 32TB, limited by Client OS

### Maximum SANmp Clients

Up to 500

### Requires Metadata Controller

No

### User Access

Normal, Administrator

### Fibre Channel to iSCSI Bridging Capabilities

Yes

### Supported iSCSI Client Initiators

Microsoft iSCSI Software Initiator Version 2.05 (**Free**)  
globalSAN iSCSI Initiator for Mac OS X (**Free**)

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## HARDWARE

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**Dimension:** 5.25"H x 19"W x 28.5"D (32" w/cables)

**Weight (with 8 drives):** 72 lbs.

**Power Supply:** 3 x 650 Watts (redundant)

**Redundant Power:** Yes, 2+1

**Fibre Channel:** Quad 4Gb, expandable up to 8 FC ports

**Ethernet:** Dual 1Gb, expandable up to six GbE ports.

Optional 10Gb

**Memory (RAM):** 4GB

**Drive Bays:** 16 base, 16 expansion, 32 Total

**Temperature:** 40°-72F° (5°-22°C)

**Humidity:** 20-60% Ambient Humidity

### Disk Drives

**Capacity:** 750GB, 1TB

**Protocol:** Serial ATA

**Rotational Speed:** 7,200 RPM

### Fibre Channel

**Port Type:** 4/2 Gb

**Max Cable Length:** 300m/984ft

**Cable Specifications:** 50/125 or 62.5/

125 Multimode, 9/125 Singlemode available

**Optical Interface:** SFP LC

### iSCSI

**Port Type:** 1/10Gb Ethernet

**Max Cable Length:** 90m/295ft (CAT5e/6)

**Cable Specifications:** CAT5e/6 for 1Gb or  
Multimode Fiber 10Gb

### NAS

**Port Type:** 1/10 Gb Ethernet

**NAS Protocol:** SMB/CIFS

**Max Cable Length:** 90m/295ft (CAT5e/6)

**Cable Specifications:** CAT5e/6 for 1Gb or  
Multimode Fiber 10Gb

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studio network solutions  
INGENUITY THAT WORKS™

Evo – the latest advancement in complete, shared storage solutions for video workgroups. Collaborate in ways you never thought possible, from the most powerful NLE workstations to the most portable laptops! Evo combines a high-performance storage array with the most extensive connectivity options available in a single product – including 4Gb Fibre Channel and up to 10Gb Ethernet.



### EVO Base ships with:

- > Evo Fibre Channel/iSCSI SAN, NAS
- > 8 x High Performance SATA Disks
- > 8 Drive bays available for easy expansion
- > 4 x 4Gb/s Direct-connect Fibre Channel SAN ports
- > 2 x 1Gb/s Ethernet SAN/NAS ports
- > 4 Licenses of SANmp volume sharing software

#### Evo is designed for post production workgroups.

The complete Evo shared storage system offers you a huge advantage in terms of connectivity and upgradability – since it integrates a SAN and a NAS into one unified system, you get the benefits of file sharing and volume sharing. By including Fibre Channel and Ethernet iSCSI and NAS, Evo assures that all users will have accessibility to shared assets.

Evo can be expanded to 32 Terabytes of high performance storage, with connectivity for up to 10 direct-connect Mac/PC clients over Fibre Channel and Ethernet. Evo’s options allow you to pick the perfect system for your workgroup – simply start with the Evo Base, then add more drives and extra Fibre Channel or Ethernet ports. For the ultimate performance, upgrade to 10Gb Ethernet for a 10x increase in network bandwidth for NAS and iSCSI.


Evo also includes features such as advanced disk-provisioning that enables drives to be arranged into storage pools, each capable of containing one or more volumes. Individual volumes can each be assigned a discrete RAID level, giving users the flexibility to choose what matters most: performance, reliability, usable space, or a mix of all three. For the most demanding applications, Evo offers the ability to dedicate any pool’s bandwidth to a specific task such as ingesting video. The complete solution is extremely versatile – it will even allow your existing Fibre Channel storage to be extended over Ethernet.

Evo is the ideal storage solution for state-of-the art video post-production workgroups.



**Q:COMPLETE™**

Responsive technical support plans that offer coverage around the clock.  
One source.  
One solution.



**Did you know?**  
A single Evo can take the place of a storage array, a file server, a network switch and a Fibre Channel to iSCSI bridge.  
Less equipment equals less energy use and less net carbon emissions.

All software names are trademarked and/or copyrighted by their respective manufacturers. Specifications, images, and prices are subject to change without notice. 11/08



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