



Now support



HD, 2K Video Editing



Animation



Stereoscopic 3D Editing



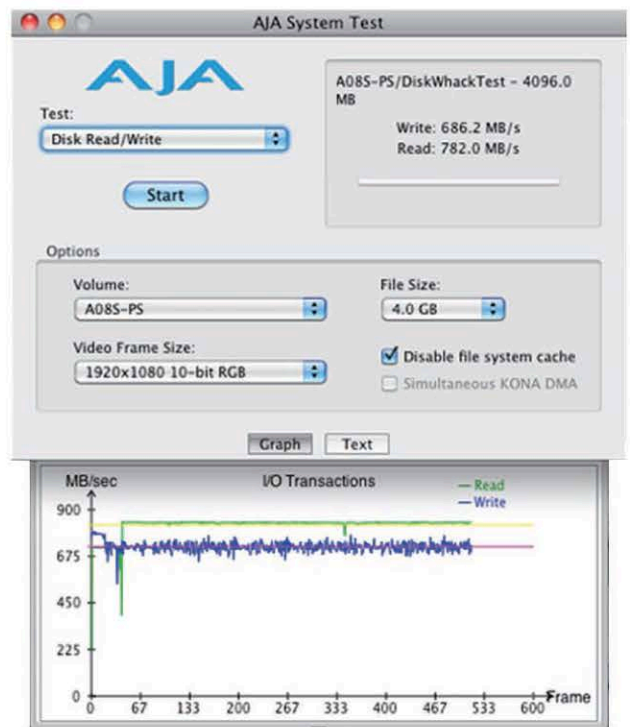
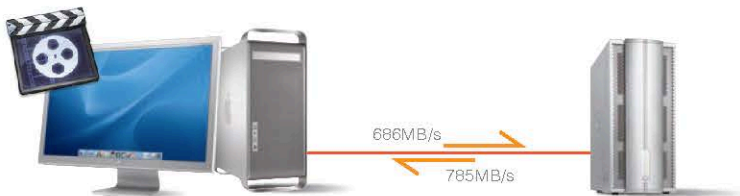
Color Grading

ExaSAN A08S-PS

High Speed Storage, Designed For Professional Editors

Exclusive To The Media Workgroup

The A08S supports eight 3Gb SAS/SATA II disk drives and is able to provide approximately 780MB/s throughput in RAID 5 configuration; its almost four times faster than 3Gb eSATA storage. It works with almost all media workgroup applications and also an ideally suited for creators which operate with high bandwidth required applications, such as Blackmagic Design DaVinci Resolve, Smoke on Mac, Assimilate Scratch etc.



A08S equips SAS HDD with single port HBA ; Write: 686MB/s, Read : 785MB/s

Simultaneous Final Cut Pro Streams

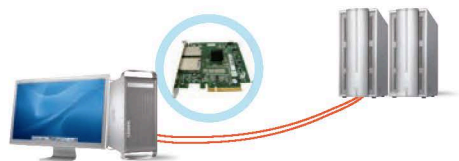
Performance estimates of specific video formats in FCP.

2	2K DPX
4	Uncompressed 1080i (10bit)
12	Apple ProRes 4444

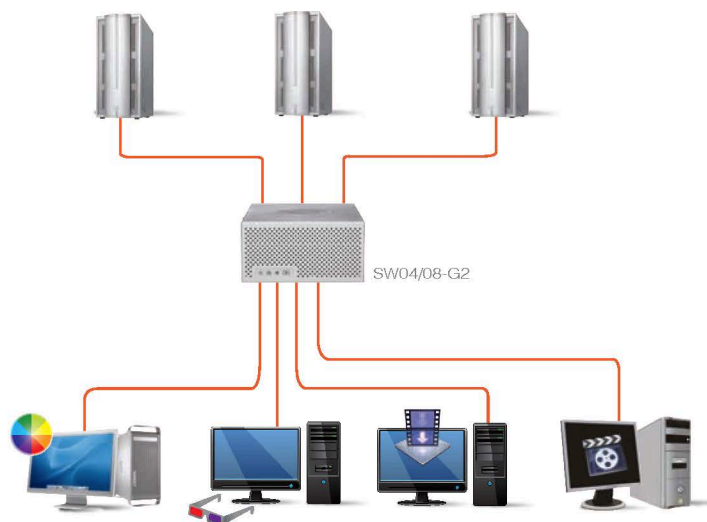
Testing conducted by Accusys in Dec 2010 using MAC Pro Quad-Core Intel Xeon 2 x 2.8GHZ. Testing was conducted using Iometer 2006 with 5-second ramp-up, 3-minute run duration, 1MB request size, and 8 outstanding size IOs. The test system was configured in one-volume configuration booting with Mac OS Version 10.6.4 installed. Eight external drives (WD SATAII 160GB under RAID5) as the test volume on which Iometer tests were performed.

A08S In SAN, Nothing Is Easier

Equipped with an optional dual port HBA, it is able to reach approximately 1400MB/s and has 48TB of storage capacity by striping two A08S systems.



Nevertheless, for small and medium post production hosts, workstation numbers have to collaborate with each other for one project and simultaneous access to shared storage. Accusys provides SW04/08-G2 package kit, which can easily upgrade your local A08S to the shared media volume; this greatly improves your productivity and saves valuable time. The ExaSAN Compact Solution is compatible with Apple Xsan, StorNext, MetaSAN, and FibreJet.



ExaSAN A08S-PS Specification

System and Controller

System Type	8-bay Tower RAID system
Host Interface	PCIe 1.1 x4
Disk Interface	3Gb SAS/SATAII
Disk Type	3.5"
Data Transfer Rate	10Gb/s
Controller CPU	Intel Xscale Technology IOP341 Processor
Cashe Memory	512MB DDRII-667 with ECC-protected; up to 2GB

RAID Controller Functions

Online RAID Set Expansion and RAID Level Migration
Online bad block data recovery and reallocation
Online disk scrubbing with data refresh and parity regeneration
Disk health monitoring by S.M.A.R.T
Support RAID Configuration, 0,1,5,6,0+1 JBOD
Array Roaming and Drive Traveling
Array recovery to restore RAID configurations
Mirror Snapshot for fast backup and restore
Disk Lag Proof Technology to guarantee disk timely respond
Equalization Mode to smooth the performance of sequential I/Os and reduce fluctuation

Management

Java-based RAIDGuard™ X GUI
Event log saving in text file for quick troubleshooting
Event notification by email (SMTP)
CLI (Command Line Interface)

LED indicator for disk drives status in front panel

300W. 110V~240V power supply (optional redundant power supply)

Two 12cm x 12cm Fan with Smart Fan Control feature

Supported OS

Windows XP/2003/Vista/2008 and Windows 7(32/64bit, Miniport and Storport driver, WHQL certified)

Linux: Red Hat, SUSE, Fedora, CentOS, Debian...etc

MAC: OS X(10.5, 10.6)



Physical and Environment Specification

Dimension	L: 400.3mm, W:175mm, H:369mm
Weight	12.6kg

A08S-PS HBA

10Gb/s PCIe Channel PCIe1.1 x4

Short, low profile Form Factor

Dimension : 110 x 68.9mm

Standard Bracket(low profile available)

A08S-PS Cable

Connector	PCIe 1.1 x4 connector
Support Length	2M (standard), 5M and 10 option available

Operating Environment

Operating Temperature	0° C~40° C
Storage Temperature	-20° C~70° C
Operating Humidity	5%~85%, Non-condensing
Storage Humidity	5%~95%

For contact and product information visit www.accusys.com or call +886-3-56000288



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