

High-Performance Modular Storage For Post Production Workflow



Highlights

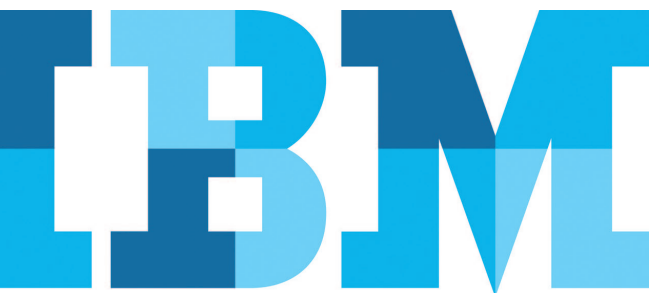
- Industry's best performance value with affordable capacity
 - Low latency, high performance for streaming workloads; both ingest and playback
 - Scalable modular systems to add controllers, expansion trays or drives, without disrupting service
 - Mirrored caching, coupled with 6Gb/s SAS front-to-back capable of handling mixed large block sequential and small block random metadata
 - (48) Seagate 6Gb SAS 10k, 2.5" drives
 - ATTO Celerity 84EN dual channel 8-Gb, PCIe2.0 x8, 1.41MP Driver
 - Apple MacPro with OS 10.6.6
 - Apple Final Cut Pro (FCP) certified
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Increase digital media performance with high availability and high scalability modular storage for Mac OS X

The transition to HD, emerging distribution channels over the web and the ease of user generated video are all driving the growth of rich media content causing the increased demand for affordable enterprise storage. Video professionals and content developers are seeking high performance storage to meet the challenges of the Apple post production workflow environment including handling massive amounts of raw data, multiple users accessing data and aggressive deadlines.

ATTO, StorNext and IBM have partnered to deliver a High Performance Digital Media Solution using the IBM System Storage DS3500. The solution is targeted for all phases of the collaborative workflows from capture, ingest, editing, storage, and management of your media files. The DS3500 with its modular, innovative design offers scalability to add controllers, expansion trays or drives (24, 48, 96, 192) all without disrupting service. The system's balanced and sustainable performance allows it to reliably support both random access and sequential access intensive workloads.

Together, IBM, in conjunction with StorNext and ATTO provide a winning solution with speed, power, redundancy, and shared storage with no limitations.



Single Mac workstation performance when connected to DS3500

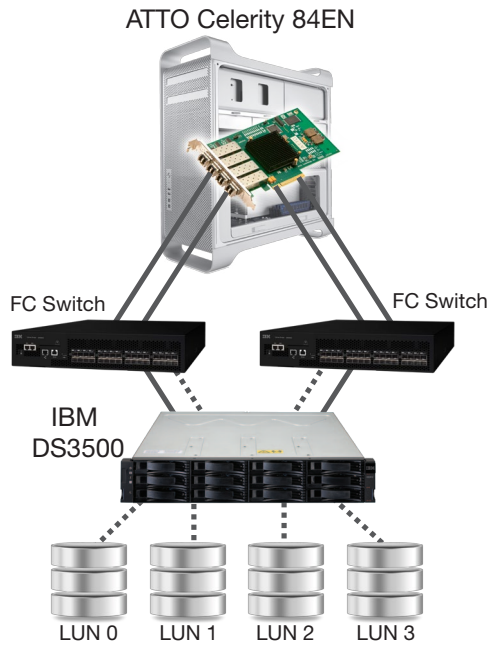
AJA video stream performance calculator*

DVCPProHD 1080i50	Reads: 55.7 streams	Writes: 45.4 streams
DVCPProHD 1080i60	Reads: 58.3 streams	Writes: 47.6 streams
1920 x 1080i (8-bit)	Reads: 14.4 streams	Writes: 10.2 streams
1920 x 1080i (10-bit)	Reads: 11.8 streams	Writes: 8.2 streams
1920 x 1080 (10-bit RGB)	Reads: 8.5 streams	Writes: 5.8 streams
2048 x 1556 (10-bit RGB)	Reads: 6.1 streams	Writes: 4.4 streams

Actual video performance using Final Cut Pro

1920 x 1080 (10-bit RGB)	Reads: 6 streams
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* Runs IO that simulates video and calculates the number of concurrent streams that can be run through a storage system



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For more information

To learn more about the [IBM System Storage DS3500 Series Disk Systems](http://ibm.com/systems/storage/disk/ds3500), please contact your IBM marketing representative or IBM Business Partner, or visit: ibm.com/systems/storage/disk/ds3500