Digital Media Collaborative Workflow

Powered by ATTO and JMR

ATTO and JMR have teamed to offer a top of the line, high performing RAID storage solution for Mac® and Windows® platforms designed to enhance workflow and increase productivity by keeping content available in real time for users.

Highlights

- Enhance video and rich media applications with fast, reliable, and flexible Thunderbolt™ connectivity
- Consistent high-performance bandwidth for media intensive video streaming environments
- Performance tuned solutions provide high-availability access for your pre and post production needs
- Produce, manage and store all types of streaming video and rich media at the highest possible speed

About Thunderbolt™

Thunderbolt technology dramatically increases the data transfer rate, enabling faster backup, editing and file sharing, thus significantly reducing the time to complete key tasks. Thunderbolt technology was specifically designed with inherently low latency and highly accurate time synchronization capabilities. These features enable extremely accurate audio and video creation, playback and editing that no other standard interconnect technology can match.

Challenge

Streaming video, online social media groups, web broadcasting and new information technologies are driving growth in the already content-rich Media and Entertainment (M&E) industry, which is expected to exceed $7.8 billion* in revenue. Video professionals and content developers have long purchased proprietary storage solutions from niche vendors because they were the only products that were custom tailored to work with the applications of this marketplace.

In recent years, the M&E industry transformation to all digital content and accelerated workflow requirements of the video professional are driving the need for more sophisticated, high-end configurations, which require multiple users to share access to large amounts of data while maintaining the high-throughput performance required for the rich media and content applications they serve. Some users need workstation performance but demand a small form factor laptop or all-in-one.

*Source: Coughlin Associates: 2012 Digital Storage for Media and Entertainment Report

Solution

The Digital Media Solution includes a high-performance ATTO ThunderStream RAID storage controller, used in conjunction with JMR's proven SAS/SATA storage tower, to provide the infrastructure needed for content developers and video professionals to easily access, transfer, and archive data, with the flexibility to scale performance and capacity to the various workflows. Increase digital media performance with high availability and high scalability modular storage.

With Thunderbolt technology, it is now possible to enable the thinnest and lightest laptops connectivity, over a single cable, to high performance storage, external media drives, multiple HD displays, and HD media and editing systems as well as legacy I/O hubs and devices, giving users the ability to have the power, capability and expandability of traditional workstations. Thunderbolt technology enables flexible and innovative system designs and is ideal for thin profile systems and devices such as laptops and all-in-ones.

8 bay Thunderbolt Desktop
SAS/SATA RAID Storage Solution

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Features:

- Eight 3.5" Hot Swappable Disk Drives
- Compatible with all 3.5" SAS/SATA Disk Drives and SSDs
- Up to 32TB Capacity with SATA drives
- 10Gb Thunderbolt™ to 6Gb SAS/SATA with support for up to 128 disk or tape devices
- Provides RAID levels 0,1,5,6 &10
- DisplayPort and daisy-chain support
- SES 2.0 Compliant
- 100% RoHS Compliant
- FCC Class (B) Licensed for Use Worldwide
- 100% Turnkey Systems are configured and Burned in, with 3 year Limited Warranty
- Thunderbolt™ certified for Mac® and PC
- RAID rebuilds, Media Scan and other operations continue without a host connection

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Key Technologies:

- **ATTO Advanced Data Streaming (ADS™)**– Manages real-time latency by providing controlled acceleration for smooth data streaming to maintain the highest consistent performance; ATTO exclusive for lowest latency, smooth data transfers without dropped frames.
- **ATTO DriveAssure™** – Repairs drives to prevent premature drive failures and slow downs to maximize system uptime. Also ensures 100% throughput during data rebuilds.
- **ATTO ConfigTool™** – Provides simplified management and configuration.

How to Buy:

The solution is available through JMR Electronics - Contact Sales by phone at (818) 993-4801 or email ussales@jmr.com

About ATTO Technology, Inc.

Celebrating 25 years of industry leadership, ATTO Technology, Inc. is a global leader of storage and network connectivity and infrastructure solutions for data-intensive computing environments. ATTO provides a wide range of end-to-end solutions to help customers better store, manage and deliver their data. With a focus toward markets that require higher performance, ATTO manufactures host bus adapters, RAID adapters, network adapters, RAID storage controllers, Thunderbolt™-enabled Desklink™ devices, bridges, switches and software. ATTO solutions are based on providing a high level of connectivity to all storage interfaces including Fibre Channel, SAS, SATA, iSCSI, 10GbE, FCoE and Thunderbolt. ATTO distributes its products worldwide through Original Equipment Manufacturers (OEMs), systems integrators, value-added resellers, and authorized distributors.

www.attotech.com

About JMR Electronics, Inc:

JMR Electronics, Inc. was established in 1982 as a design and manufacturing resource for the high-performance data storage industry. Using unique technology that aggregates bandwidth to 8 GBps, JMR leads the industry in affordable direct-attached storage for multi-stream, HD, 2K, 4K and 3d applications. New products include DigiLab, a unique and powerful ingest/DI/post appliance; a new desktop video/media work station; a desktop SSD 2.5 GB/s video RAID system; and additions to our award-winning BlueStor & SilverStor. Their new ThunderStor desktop storage appliance is the latest in a long line of innovations. All JMR products are manufactured in the U.S.A., in their ISO 9001 registered facilities based in Los Angeles.