



ATTO HBAs + RAIDIX Media provide cutting-edge shared solution for digital content professionals

CHALLENGE

Today's media and entertainment industry is undergoing a content revolution. Media professionals require continuous and reliable access to HD, 3D, and other high-density content across multiple workstations. These demands require high-performance, large capacity storage solutions to maximize data management and infrastructure efficiency.

Current systems rely on fragmented storage solutions that do not meet the high-speed, highly-accessible needs of digital media applications in shared SAN environments. In addition, these systems are unproductive to business, as the growing quantity of HD content push costs and bandwidth requirements upward.

SOLUTION

ATTO Celerity 8Gb and 16Gb Fibre Channel Host Bus Adapters (HBAs) and FastFrame 10Gb Network Interface Cards (NICs) plus RAIDIX storage software cover the full performance spectrum required by media professionals in one shared solution.

ATTO's family of adapters is engineered to optimize data transfer using a combination of features that enhance the data delivery process while remaining fully scalable.

Celerity Fibre Channel HBAs extend software and hardware capabilities, while increasing overall system performance all the way to the edge of the SAN.

FastFrame 10Gb NICs comprise a flexible solution that supports Mac, Windows, Linux and VMware environments.

ATTO offers the complete hardware platform for advanced storage connectivity.

RAIDIX software is optimized for media workloads and is compatible with all major professional applications, providing an ideal interface for all stages of video and multimedia production. Patented double (RAID 6), triple (RAID 7.3) or M (RAID N+M) parity significantly decreases the probability of system failure and guarantees high sustainable performance even if up to M disks fail.

RAIDIX software-based storage requires standard hardware plus Fibre Channel or Ethernet cards.

BENEFITS

ATTO Celerity HBAs and FastFrame NICs are the ideal foundation for RAIDIX to create turnkey solutions for specific media needs. Together, the shared storage solution provides media professionals with

- higher productivity,
- less downtime,
- more flexibility to work with an array of applications,
- greater sustainable high-performance levels,
- and extended continuous access to content.

All of these benefits help lower IT infrastructure costs and time-consuming troubleshooting. This collaboration is the leading choice for today's content demands and fast-paced media environment.

KEY FEATURES

- 4K/2K CONTENT COLLABORATION MEETS THE NEEDS OF MULTI-STREAM ENVIRONMENTS
- RELIABLE BROADCAST, INGEST AND POST-PRODUCTION FOR ALL MEDIA PROCESSES
- CONTENT SHARING AND MULTI-USER WORKFLOW FOR SEAMLESS COLLABORATION
- DATA PROTECTION WITH NO OVERHEADS
- SUSTAINED AND GUARANTEED PERFORMANCE WITH NO LOST FRAMES
- COST-EFFECTIVE WITH DIRECT WORKSTATION CONNECTIONS
- MAXIMUM USABLE CAPACITY

HARDWARE SPECIFICATIONS

Celerity FC-82EN

Dual-Channel 8Gb/s Fibre Channel
PCIe 2.0 Host Bus Adapter

- Dual-channel 8-Gigabit Fibre Channel HBA
- 1600 MB/s throughput per channel in full-duplex mode
- Includes two 8 Gb/s LC SFP+'s
- x8 PCI Express 2.0 (PCIe 2.0) host connection
- Supports initiator and target mode (OEM only)
- Driver support for Windows®, Windows Hyper-V, Linux®, Mac®, VMware®
- Backward compatible with 4 Gb/s and 2 Gb/s Fibre Channel products
- Proven industry interoperability with support for SNIA HBA API
- Supports NPIV and Virtual Fabric
- Includes high- and low-profile form factor bracket
- 3-year standard product warranty
- RoHS Compliant

Celerity FC-162E

Dual-Channel 16Gb/s Gen 5 Fibre Channel
PCIe 3.0 Host Bus Adapter (includes SFPs)

- Dual-channel 16-Gigabit Gen 5 Fibre Channel HBA
- 3200 MB/s throughput per port in full-duplex mode
- Includes two 16 Gb/s LC SFP+ transceivers
- x8 PCI Express 3.0 (PCIe 3.0) host connection
- Supports initiator and target mode (OEM only)
- Driver support for Windows®, Windows Hyper-V, Linux®, Mac® OS X, VMware® and FreeBSD
- Backward compatible with 8 Gb/s and 4 Gb/s Fibre Channel products
- Proven industry interoperability with support for SNIA HBA API
- Supports NPIV and Virtual Fabric
- Includes high- and low-profile form factor bracket
- 3-year standard product warranty

FOR MORE INFORMATION

🌐 ATTO Products — www.attotech.com/products/

🌐 RAIDIX Media Storage Software — www.raidix.com

🔍 List of ATTO Resellers — www.attotech.com/howtobuy/

✉️ ATTO Sales: request@attotech.com

✉️ RAIDIX Sales: request@raidix.com

