

About ATTO

For over 30 years, ATTO Technology, has been a global leader across the IT and media & entertainment markets, specializing in network and storage connectivity and infrastructure solutions for the most data-intensive computing environments. ATTO works with partners to deliver end-to-end solutions to better store, manage and deliver data.

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About Viking Enterprise Solutions

Viking Enterprise Solutions (VES) designs, manufactures, and sells leading edge off-the-shelf and customized server and storage platforms for data centers and enterprise markets. VES has over 25 years of OEM design expertise in the high-performance, high-density server & storage marketplace with strategic partnership alignment to major Cloud Service Providers (CSPs).

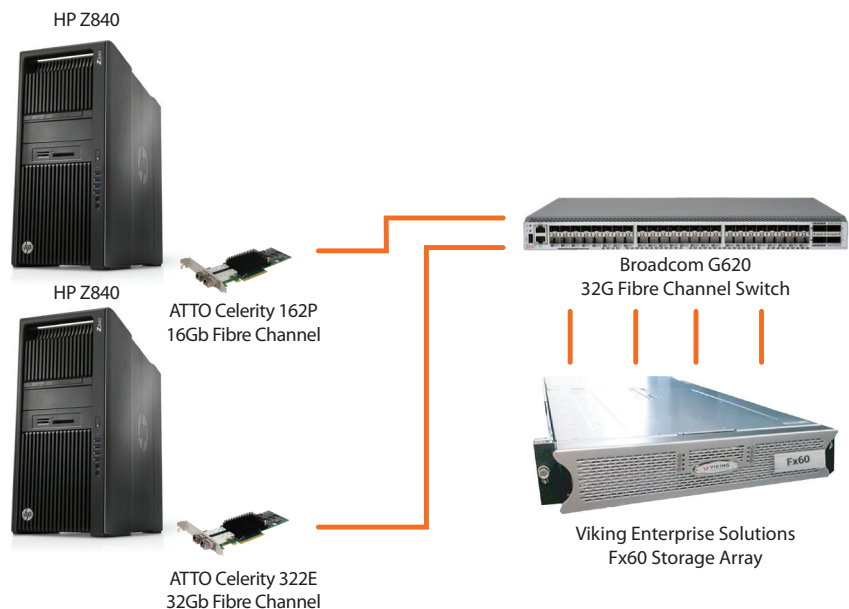
ATTO Fibre Channel HBAs and Viking Enterprise Solutions All-Flash, High-Performance Storage Solutions for Content Creators

Content creators crave storage solutions designed for media professionals working with HD, 2K, 4K and even higher resolution video files. ATTO Technology and Viking Enterprise Solutions (VES) provide a certified, fully integrated high-performance storage solution ideal for today's content creation and media workflows.

VES Fx60-HD and -HP family is an all-flash, high-performance, high-density and high-availability storage appliance with integrated software and hardware delivering 5M random 4k IOPs (reads) and throughput of 22GB/s (reads). It supports 60 drives in a 2U rack space for a total of nearly 120TB of raw capacity. Each version can be configured with ATTO Celerity™ host bus adapters (HBAs).

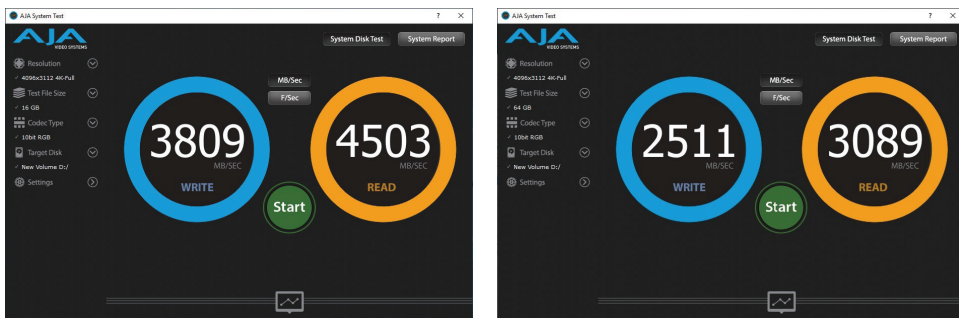
ATTO Celerity 16Gb and 32Gb HBAs deliver the fastest data throughput (both MB/s and IOPs) available for today's most demanding storage environments. Move large volumes of data with fast, predictable and deterministic response time by optimizing performance up to 3200MB/s per channel.

Built into every Celerity HBA, ATTO Advanced Data Streaming (ADS™) Technology manages latency by providing controlled acceleration for smooth data streaming and provides the highest consistent performance in data intensive environments. Celerity HBAs also feature ATTO MultiPath Director™, an enterprise-class, multipathing driver enabling failover and load balancing capabilities.



The all-flash architecture of the VES Fx60-HD/HP family combined with ATTO Celerity's speed, streaming stability, and reliability make for a compelling high-performance option in the media and entertainment storage arena. Multiple clients, using popular editing workstations (HP Z840 for example) can access media while achieving the performance needed to continue working with 4K and higher resolutions of video. This allows for significant gains in productivity, and minimal downtime, while achieving high-throughput performance and uninterrupted access.

Key Performance Metrics - AJA System Test



Single Client Initiator	OS	Resolution	Color Depth	Reads	Writes
ATTO FC-322E	Windows 10	4096 x 3112 4K Full	10bit RGB	4500 MB/s	3800 MB/s
ATTO FC-162P	Windows 10	4096 x 3112 4K Full	10bit RGB	3000 MB/s	2500 MB/s

Key Features

- High-Availability Flash Storage**
 Automatic path failover and failback provides uninterrupted access to storage
- High throughput shared workflow**
 StorNext File System delivers high-performance content creation, storing and sharing.
- Flexible Connectivity**
 Simultaneous file access across Windows, Linux and Mac workstations in a heterogeneous environment.

ATTO Celerity™

32Gb and 16Gb Fibre Channel HBAs

- Celerity 32Gb Fibre Channel 322E



- Celerity 16Gb Fibre Channel 162P

