Dell and ATTO Technology: PowerEdge Solution

ATTO is the single source of connectivity solutions for Dell customers and partners. We provide:

- Complete end-to-end solutions for innovative storage infrastructures.

- High performance connectivity solutions for Dell workstations, servers, storage and tape systems.

- The ability to connect Windows®, Linux® and Mac® based workstations and servers directly to high-performance Dell storage systems.

- Improved application performance in Fibre Channel, SAS, iSCSI, Thunderbolt and SCSI based environments.
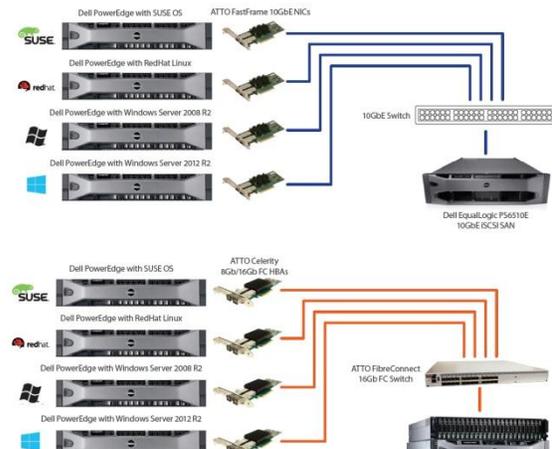
ATTO – Dell User Benefits:

- Optimized for extremely low latency high bandwidth transfers for both data-intensive and high-transaction rate applications.

- Uses 70% less power than competitive HBAs, reducing overall electric and cooling costs.

- Low power consumption expands system performance resources to extend processing capabilities.

The Solution

ATTO Technology, Inc. has been providing storage, network connectivity and infrastructure solutions for data-intensive computing environments for more than 25 years. In collaboration with Dell, they are leading providers of server connectivity to enterprise-class storage. As part of the Dell Technology Partner Program, ATTO has certified its Celerity™ Gen 5 powered Host Bus Adapters (HBAs) and FastFrame™ 10GbE Network Interface Cards (NICs) to run with Dell PowerEdge servers. The Dell PowerEdge servers are engineered with a combination of features and performance scalability to handle tough workloads for large and small data environments. This, coupled with ATTO's high performance and low latency product features, provides the perfect solution to keep pace with growing business demands in enterprise environments. Users will recognize higher application performance for better productivity, increased transaction processing for faster time to data and critical business decisions and the ability to handle larger workloads and client counts. While delivering a versatile environment that allows for massive data growth, the solution also exhibits exceptional storage capacity, memory density and I/O capabilities.

ATTO Product Differentiators:

- Advanced Data Streaming™ minimizes latency during data transfers and manages data acceleration to maximize the number of transactions that can be processed.
- MultiPath Director™, when paired with enterprise-class storage systems, provides a completely redundant, high availability, high performance storage solution for workstation and server applications. Enables Linux®, Mac® and Windows® workstations and servers to connect directly to enterprise-class storage.

ATTO Celerity Fibre Channel HBAs

Celerity 16Gb and 8Gb Fibre Channel Host Bus Adapters (HBAs) are designed to cover the full performance spectrum from enterprise to workgroup and server to workstation environments. ATTO's latest Celerity 16Gb Fibre Channel quad-channel HBAs, the first of its kind in the market, addresses the needs of Linux® and Windows® platforms in high performance computing, virtualization and other high IOP environments typically found in enterprise data centers.

ATTO FastFrame 10GbE NICs

FastFrame 10GbE Network Interface Cards (NICs) comprise a versatile, straightforward portfolio for flexible design. They work wherever you need them: in workstations, servers, and data center racked servers with Mac®, Windows® and Linux® (server and workstation) operating systems.

Dell PowerEdge R820

Manage data overload and expanding virtual environments with the extreme processing power and massive memory density of the Dell™ PowerEdge™ R820.

Dell PowerEdge R720xd

Easily scale for massive data growth with the excellent storage capacity, memory density and I/O capabilities of the PowerEdge™ R720xd.

Dell PowerEdge R720

Keep pace with the exponential change of the virtual age using the state-of-the-art feature flexibility of the PowerEdge™ R720.

Dell PowerEdge R620

Maximize computing power without compromise in space-sensitive environments with the Dell PowerEdge™ R620.

Dell PowerEdge R520

Power through data-intensive applications and easily scale for growing utilization with the next-generation PowerEdge™ R520.

About ATTO Technology

In our 26th year, 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 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, VARs and authorized resellers.

The Dell Technology Partner Program

ATTO is a Dell Technology Partner. Celerity Gen 5 powered HBAs and FastFrame 10GbE NICs are certified by Dell to run on the Dell platforms specified in the technical architecture section.

The Dell Technology Partner program is a multi-tier program that includes ISVs, IHVs and Solution Providers. This global program helps partners build innovative and competitive business solutions using Dell platforms. Program resources keep customer costs low and helps to sustain competitiveness.

The program has a structured and streamlined process that combines technology and business strategies with Dell Solution Center expertise to onboard and test partner products on Dell platforms. This testing process helps ensure that products have met the technical requirements to perform well on Dell platforms.