

Connecting Dell® Precision Workstations to a Fibre Channel SAN using ATTO Celerity™ HBAs

EXPAND OPPORTUNITIES AND SELL INTO NEW MARKETS

DELL TOWER WORKSTATIONS

- Precision™ 7910
- Precision 7810
- Precision 5810



DELL RACK WORKSTATIONS

- Precision™ 7910



ATTO CELERITY™ HOST BUS ADAPTERS

- FC-322E Dual Port 32Gb
- FC-164P Quad Port 16Gb
- FC-162P Dual Port 16Gb

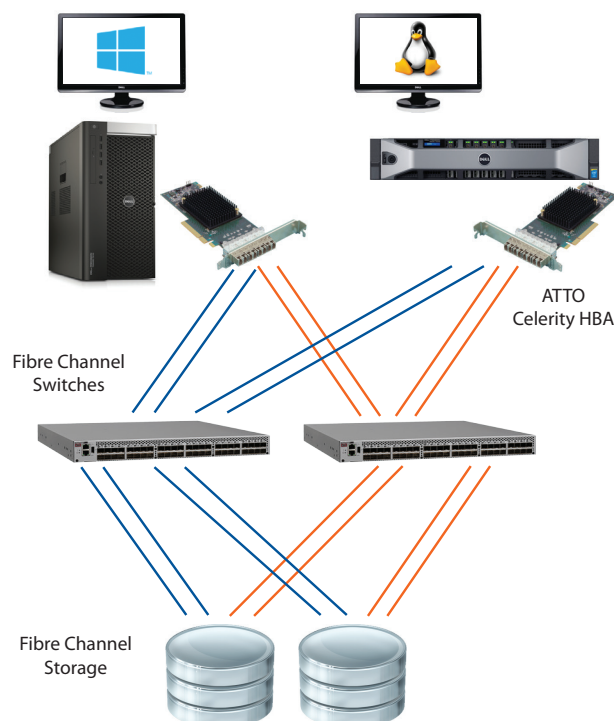
SUPPORTED OPERATING SYSTEMS

- Windows® 10, 7
- RedHat® Linux® 7.2/7.0
- Ubuntu 14.04 SP1

Specialized, compute intensive applications used for media & entertainment, manufacturing & design, oil & gas, game development, imaging or healthcare require workstations outfitted with powerful graphics, processors and memory. High performance, low latency connectivity to storage is also a must have. When external all-flash arrays are used, the low latency benefits of the Fibre Channel protocol is the preferred solution to take advantage of the benefits of solid state drives (SSDs).

ATTO Technology, Inc. has been developing high performance, low latency storage connectivity solutions for the workstation market for nearly 30 years. ATTO's 32Gb and 16Gb Gen 6 Celerity™ line of Fibre Channel host bus adapters (HBAs) were designed to meet the ever growing performance needs of a scalable storage area network (SAN).

- ATTO is the only HBA manufacturer that develops Fibre Channel drivers for workstation operating systems as well as servers, allowing both to share Fibre Channel storage.
- ATTO's MultiPath Director™ technology is the only solution connecting workstations to enterprise storage allowing you to load balance and aggregate the performance across multiple Fibre Channel links, as well as provides automatic path failover and failback for higher availability in Windows® and Linux® environments.



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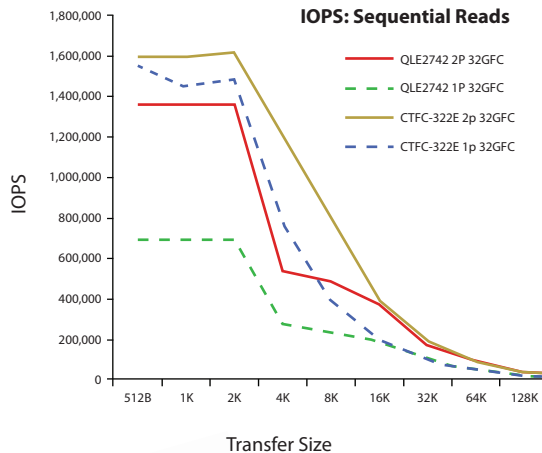
HOW TO BUY

Available through Dell S&P

<u>ATTO SKU</u>	<u>DELL SKU</u>
CTFC-322E-000	A9768576
CTFC-321E-000	A9768575
CTFC-164P-000	A9497644
CTFC-162P-000	A9735135
CTFC-161P-000	A9768582
Dell Sales	1.800.456.3355
ATTO Sales	+1.716.691.1999

- ATTO Advanced Data Streaming (ADS™) technology provides controlled latency and acceleration of data for consistently high performance.
- Celerity HBAs have an advantage over the leading competitor in that it uses a dual core controller chip, providing full IOPS performance to a single port if the second port is in standby mode of the link has failed. Other solutions that use a single core are limited to half performance.
- ATTO ConfigTool™ - GUI-based utility to locally or remotely manage and monitor the multiple data paths between the workstations and the storage. Helps customize the settings of your ATTO host bus adapter (HBA) to maximize the performance of your storage connections. Easily identify problem areas to expedite troubleshooting efforts.
- Up to 1.6 Million IOPS and 6400 MB/s throughput.
- Certified with dozens of Fibre Channel storage products. Visit the interoperability page on atto.com for details.

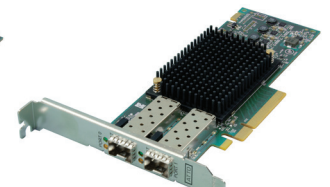
**ATTO Celerity HBA vs. QLogic HBA
1 / 2 port 32GFC Read IOPS - Windows**



ATTO Celerity FC-322E



ATTO Celerity FC-164P



ATTO Celerity FC-162P



Certified solution through Dell's IHV program – available for purchase through Dell S&P

