

# EMC—ATTO

## An EMC Select Partner Overview

### ESSENTIALS

#### Partner products

- ATTO Celerity 16Gb/s Fibre Channel HBAs
- ATTO Celerity 8 Gb/s Fibre Channel HBAs
- ATTO FastFrame 10Gb Ethernet NICs
- Xtend SAN iSCSI Initiator

#### EMC/EMC Isilon products

- EMC® VNX/VNXe
- EMC® Celerra® NS/NX
- EMC® CLARiiON® CX4/CX3
- EMC® Symmetrix® VMAX™
- EMC® Symmetrix® DMX4/DMX3
- EMC Isilon S-Series storage
- EMC Isilon X-Series storage

#### Solution highlights

- Connect Mac OS X and Windows 8/7/XP/Vista hosts to EMC storage
- High-availability storage connectivity with automatic failover and load balancing
- Boost performance by aggregating multiple Fibre Channel links
- Ease of use of a shared network volume
- Ability to connect workstations and servers into an existing infrastructure

### HIGH-AVAILABILITY MAC OS X AND WINDOWS 8/7/XP/VISTA WORKSTATION CONNECTIVITY TO EMC AND EMC ISILON STORAGE

ATTO Technology, Inc. has been providing high-performance storage connectivity and infrastructure products for 25 years. ATTO, in collaboration with EMC, is a leading manufacturer providing high-availability Mac OS X and Windows 8/7/XP/Vista workstation connectivity to EMC VNX, EMC Celerra, EMC CLARiiON, EMC Symmetrix, and Mac OS X, Windows 8/7/2008/2012 host connectivity EMC Isilon storage systems, creating high-performance, completely redundant storage solutions.

### CELERITY FIBRE CHANNEL HOST BUS ADAPTERS WITH MULTIPATH DIRECTOR

Celerity Fibre Channel host bus adapters feature 16 Gb/s and 8 Gb/s Fibre Channel technology and are available in quad-, dual- and single-channel configurations. Celerity host bus adapters leverage ATTO's over 15 years of experience with Fibre Channel technology to provide high performance, low-latency data transfers and high-availability access to EMC storage for Mac and Windows host environments via ATTO's exclusive MultiPath Director™ technology.

- The Celerity Fibre Channel 16 Gb/s HBA product line includes the Celerity FC-162E (dual port) and Celerity FC-161E (single port).
- The Celerity Fibre Channel 8 Gb/s HBA product line includes the Celerity FC-84EN (quad port), Celerity FC-82EN (dual port) and Celerity FC-81EN (single port).

### XTEND SAN iSCSI INITIATOR

Xtend SAN iSCSI Initiator for Mac OS X enables Mac users to utilize and benefit from iSCSI, one of the fastest growing storage networking protocols today. iSCSI allows users to take advantage of their Ethernet expertise and infrastructure while reaping the benefits of network attached storage.

### FASTFRAME ETHERNET NETWORK INTERFACE CARDS

FastFrame 10Gb Ethernet NICs are available in quad-, dual-, and single-channel SFP+ configurations, as well as provide support for direct attach copper and RJ45 copper. ATTO's FastFrame NICs lead in high-performance I/O connectivity for Mac OS X and Windows hosts to EMC Isilon storage.

- The FastFrame 10Gb Ethernet NIC product line includes the FastFrame NT12 (10GBASE-T, dual port); the FastFrame NT11 (10GBASE-T, single port); the FastFrame NS14 (SFP+, quad port); the FastFrame NS12 (SFP+, dual port); and the FastFrame NS11 (SFP+, single port).

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SOLUTION OVERVIEW

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## EMC -ATTO SOLUTION BENEFITS

### HIGH-AVAILABILITY STORAGE

- Connect Mac and Windows hosts to EMC and EMC Isilon storage to take advantage of the enterprise-class features of VNX, Celerra, CLARiiON, and Symmetrix storage, as well as EMC Isilon storage systems.
- Directly-attach Mac OS X and Windows 8/7/XP/Vista workstation hosts to a Fibre Channel or iSCSI SAN, or Mac OS X and Windows 8/7/2008/2012 hosts to an Ethernet SAN, for improved availability and management

### HIGH-PERFORMANCE CONNECTIVITY

- Load balancing across multiple Fibre Channel paths increases overall system performance
- Exclusive ADS™ Technology incorporated into Celerity Fibre Channel HBAs minimizes latency to ensure the highest consistent performance
- Industry-leading throughput for low latency, high bandwidth and high performance data transfers

### INCREASED PRODUCTIVITY

- Reduce downtime by utilizing automatic failback and failover on multiple, redundant connections to storage
- Real-time and simultaneous access to data enables workgroups or single users to efficiently complete projects and meet deadlines

### SIMPLIFIED STORAGE MANAGEMENT

- Standardize storage vendors and streamline media and IT asset management with this end-to-end, enterprise-class storage solution
- ATTO Configuration Tool enables easy configuration, management, and troubleshooting of multiple paths to storage
- Single vendor for all your storage & networking interconnectivity needs across operating systems and host computers.

## CONTACT US

To learn more about how EMC products, services, and solutions can help solve your business and IT challenges, [contact](#) your local representative or authorized reseller—or visit us at [www.EMC.com](http://www.EMC.com).

## ABOUT ATTO TECHNOLOGY

ATTO Technology, Inc. is a global leader of storage connectivity and infrastructure solutions for data-intensive computing environments. ATTO provides a wide range of solutions to help customers store, manage, and deliver their data more efficiently. ATTO has been providing high-performance data and storage networking products for 25 years.

## ABOUT EMC

EMC is a global leader in enabling businesses and service providers to transform their operations and deliver IT as a service. Fundamental to this transformation is cloud computing. Through innovative products and services, EMC accelerates the journey to cloud computing, helping IT departments to store, manage, protect, and analyze their most valuable asset— information—in a more agile, trusted, and cost-efficient way.

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