

ATTO

The Power Behind the Storage

Edition No. 2

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WHAT'S NEW?

ATTO launches new 48-port FibreConnect™ switch

Scalable, flexible solution for storage networks

Committed to the Fibre Channel market, we are pleased to announce the availability of our 48-port [FibreConnect™](#) 16Gb Fibre Channel switch.

Building on the success of our 8-, 16- and 24-port switches, the 48-port switch allows systems architects to design storage area networks (SANs) with more flexibility, providing end-to-end Fibre Channel connectivity. These switches also make it easier for architects to develop mesh networks and core edge networks, keeping all users within two hops of storage and servers.

Our FibreConnect switch provides a pay-as-you-grow scalable option for an enterprise-level SAN with high-performance, low-latency connectivity in small- to medium-sized data centers.

FibreConnect switches also provide an easy solution for any SAN, fully complementing our [Celerity™](#) Fibre Channel host bus adapters (HBAs) and [ThunderLink®](#) Thunderbolt™ devices to create redundant, flexible storage networks.

To learn more about our switches, visit the [FibreConnect](#) section of our website.



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NEW SOLUTIONS

Joint solutions from ATTO with Kaminario® and NEC®

Certified solutions to support complex workflows

We partner with industry leaders to design, develop and certify solutions for the most demanding, data-intensive work environments.

Among our latest certified joint solutions:

We worked together with Kaminario® to create a more efficient and cost-effective workflow for rich media projects, making ultra-high definition, 4K and 8K video streams moving forward.

Consistently low latency on a high-performance workstation is achieved by incorporating [Celerity™ Fibre Channel](#) host bus adapters (HBAs), [FibreConnect™](#) switches and using ATTO's proprietary [MultiPath Director™](#) drivers. Kaminario's K2™ all-flash array is a combination of tested and packaged hardware, software and services, utilizing Kaminario VisionOS™, a next-generation flash operating system stack.

Benefits include:

- Heterogeneous support for Windows®, Mac® and Linux® platforms
- Support for multiple clients running different applications and sharing storage space
- A complete end-to-end storage area network (SAN) solution with easy connectivity to Thunderbolt™ platforms via [ThunderLink®](#) devices

We worked together with NEC® to provide users a reliable, low-latency, highly available solution for video streaming and rich media content applications on Windows®, Mac® and Linux® platforms.

By working with ATTO and incorporating [Celerity™](#) HBAs into its M-Series™ storage arrays, NEC has developed a fully redundant shared storage solution enhanced to meet the needs of demanding digital workflows with low latency, failover and load balancing protections and simplified storage management.

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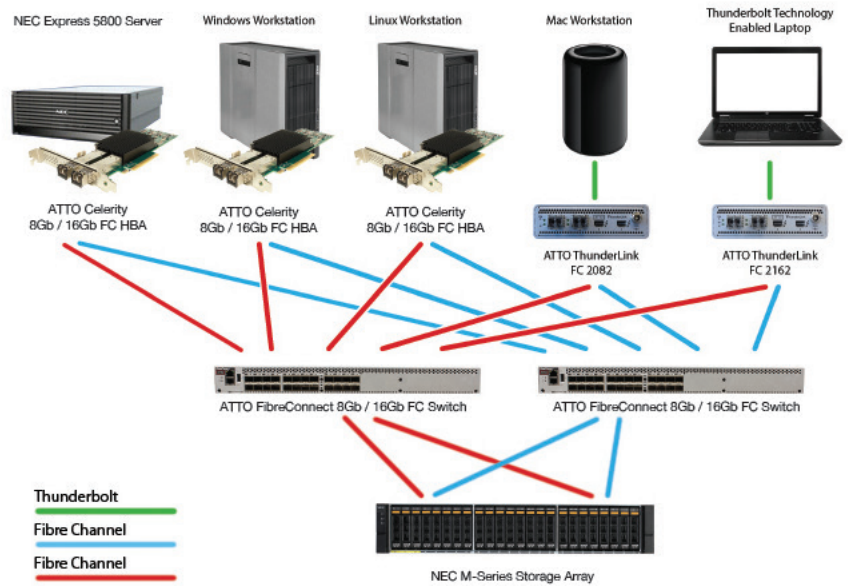
NEW SOLUTIONS

Continued

Benefits include:

- Easy SAN creation and management
- ATTO's proprietary [Advanced Data Streaming \(ADS™\)](#) technology for consistent data streaming and latency management
- Reduced downtime through utilization of [MultiPath Director™](#) drivers for redirecting data around blocked or constricted connections to storage

For information on these and all ATTO solutions, go to the [Solutions](#) section of our website.



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NEW CERTIFICATIONS

New certifications with macOS®, Parodyne®, Bloombase®

Celerity™, ThunderLink®, FastFrame™ products certified with even more partners

As part of our commitment to always develop tomorrow's technology, our [Celerity™](#) Fibre Channel host bus adapters (HBAs), [FastFrame™](#) network interface cards (NICs) and [ThunderLink®](#) Thunderbolt™ adapters have been certified for use with partners including Apple®, Parodyne and Bloombase.

New ThunderLink Thunderbolt 3 to 32Gb and 16Gb Fibre Channel devices have received certification for use with [Mac® platforms](#), adding to a previous Windows® certification to cover all Thunderbolt 3 hosts, including the latest MacBook Pro®. With their bidirectional legacy adapter, these products can also be used with currently shipping versions of Apple hosts, including Mac Pro® and the Mac mini®.

Parodyne®, a software-defined storage manufacturer, has certified Celerity 32Gb and 16Gb Gen 6 HBAs with its Enterprise Storage OS. Used as target interfaces, these HBAs also employ [MultiPath Director™](#) drivers to Enterprise Storage OS® on the initiator side for failover and load balancing protection. In a blog post announcing the certification, Parodyne said that Celerity HBAs supported 2,000 more IOPS than the competition, calling the cards "an excellent fit for Enterprise Storage OS storage arrays and easily outperform" the competition. For more information, [click here](#).

Bloombase® first validated the interoperability of [Celerity 16Gb Gen 5 HBAs](#) and [FastFrame 10Gb NICs](#) in 2012 for use with Bloombase StoreSafe data-at-rest encryption software. After extensive testing, our products are now certified to secure a Hewlett Packard Enterprise® MSA P2000 Fibre Channel storage area network (SAN). The SAN also includes a Brocade® switch and Red Hat® Enterprise Linux® 7.

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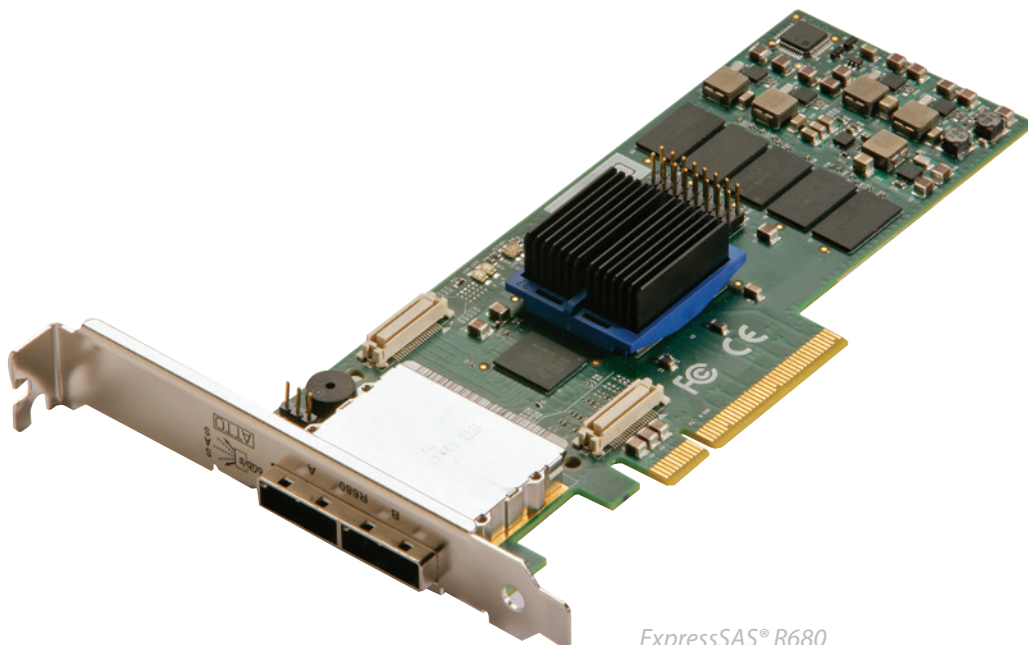
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DID YOU KNOW



You can support up to 10,000 mailboxes of up to 5GB each and 60 active Exchange databases with ATTO's ExpressSAS[®] R680 RAID adapter and high-availability Dell server solution.



ExpressSAS[®] R680

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UPCOMING TRADESHOWS

Tradeshow Dates and Booth Numbers

Show	Dates	Location	Description
MacAdmins	July 11-14	Penn State	MacAdmins is the premier East Coast conference for anyone who deploys and manages Macs and iOS devices.
VMworld	August 27-31	Mandalay Bay, Las Vegas Booth #1801	VMworld is VMware's premier thought leadership and education destination for cloud infrastructure and digital workspace technology professionals.
IBC	September 15-19	RAI Congress Center Amsterdam Booth #7.F41	IBC sits at the global crossroads of the electronic media and entertainment industry and provides a full and vibrant experience, whether you are a student or CEO, an innovative start-up or media superpower.

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ABOUT ATTO

For nearly 30 years, ATTO Technology, Inc., has been a global leader across the IT and media & entertainment markets, specializing in storage and network 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. Working as an extension of customer's design teams, ATTO manufactures host and RAID adapters, network adapters, storage controllers, Thunderbolt-enabled devices, switches and software. ATTO solutions provide a high level of connectivity to all storage interfaces, including Fibre Channel, SAS, SATA, iSCSI, 40/10GbE and Thunderbolt. ATTO is the Power Behind the Storage.

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