

ATTO

The Power Behind the Storage

2017 Edition, No. 3

# CONNECTIONS

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ATTO Technology, Inc.



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## WHAT'S NEW?

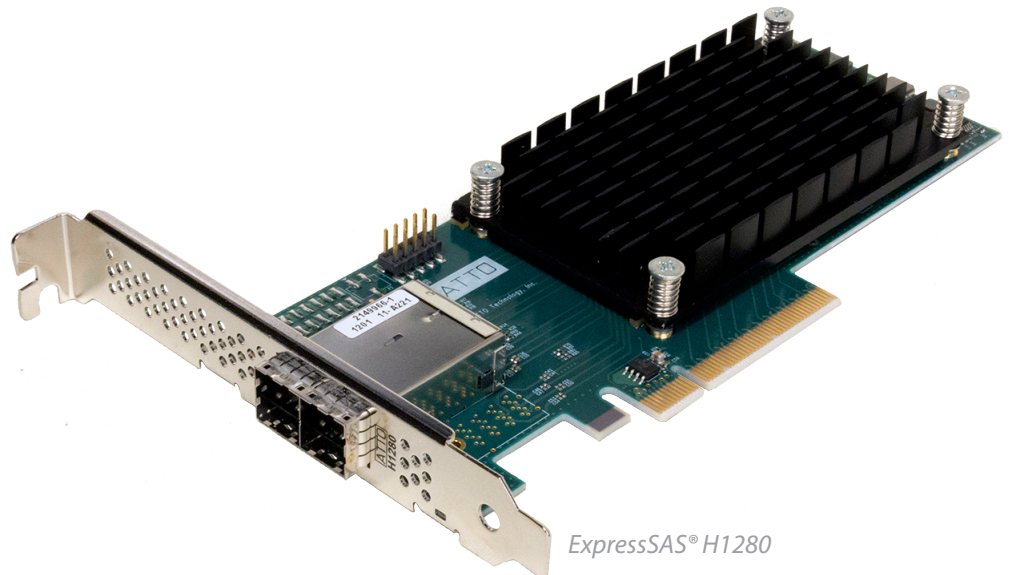
### Mac® Drivers for ATTO ExpressSAS® 12Gb are available now!

We are proud to announce Mac® support for [ATTO 12Gb ExpressSAS®](#) host bus adapters (HBAs). The new Mac driver, which will allow all ExpressSAS users to connect their Mac platforms to SAS or SATA storage devices. The new driver is available for download on the [ATTO](#) website.

As the industry leader for SAS/SATA Mac drivers, ATTO is the only provider of a 12Gb SAS/SATA HBA for macOS®. This newest release for 12Gb ExpressSAS comes with:

- Certifications for the latest Thunderbolt™ expansion chassis solutions from Sonnet and One Stop Systems
- Interoperability tested with popular media and entertainment applications, the latest tape drives, HDDs and SSDs
- Extensive history in SAS, creating Thunderbolt solutions and working in the Media & Entertainment markets

To learn more, you can read the full press release [here](#).



ExpressSAS® H1280

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## NEW SOLUTIONS

### Build ATTO into Open-E environments for better high-availability virtualization

ATTO Technology, AIC and Open-E JovianDSS have created a solution that provides 24/7 uptime with business continuity for real-time, mission-critical applications, enabling organizations to virtualize these applications and maintain high-availability access. Utilizing Fibre Channel to create a high performance storage area network (SAN) makes sure data is always synchronized between data center sites.

It is important to have reliable, predictable, low-latency links between sites in a stretch cluster; ATTO [XstreamCORE™](#) and [FibreBridge®](#) storage controllers are building blocks that add enterprise Fibre Channel connectivity to up to 10 shelves of low cost SAS/SATA drives while introducing up to only four microseconds of latency. When paired with standard JBOD or JBOF enclosures, ATTO storage controllers represent a foundational data center component – one that companies can use to architect stretch cluster solutions that enable active site balancing, downtime avoidance and disaster recovery with more flexibility and a lower TCO than native Fibre Channel storage.

### VMware® ESXi—available now for Mac® and Windows® via Thunderbolt™ 3

ATTO 16Gb and 8Gb Fibre Channel [ThunderLink® Thunderbolt™](#) devices have achieved VMware Ready™ status for ESXi™. ATTO ThunderLink devices are the only purpose-built Thunderbolt products designed to connect virtualized Mac Pros to 16Gb and 8Gb Fibre Channel storage solutions. This provides a new and efficient solution for Apple technologies application development and testing environments, virtual desktop infrastructure and cloud hosting or shared private cloud.

ThunderLink devices with the certified ESXi driver can easily fit into new or existing VSphere environments. They are enabled by the same technology base and can cohabit the same rack as other ATTO I/O solutions. The VMware ready product information pertaining to ATTO can be found on the VMware HCL at <https://www.vmware.com/resources/compatibility/search.php>.

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(Continued)



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# NEW SOLUTIONS *Continued*

## RAIDIX and ATTO enable Fox Sports 1 event

ATTO was recently part of a high-performance broadcast solution that enabled video streaming for the Fox Sports 1 coverage of the FIFA Confederations Cup 2017. The solution featured [ATTO Celerity™ 16Gb Fibre Channel](#) host bus adapters (HBAs) along with RAIDIX software for a comprehensive storage infrastructure.

Ensuring international distribution, Fox teamed up with a seasoned integrator OKNO-TV to deliver reliable data storage capable of high-definition video feed without a glitch. OKNO developed a robust storage solution specifically for this project from RAIDIX and ATTO. The system was based on the 3U AIC architecture with an overall capacity of 64TB (16 disks 4TB each) and powered by the RAIDIX OS and networked with high-performance ATTO Celerity HBAs.

# NEW CERTIFICATIONS

In July, ATTO announced a series of [certifications with the new Magma® ExpressBox 3T-V3](#) from One Stop Systems. The latest line of certifications means that Thunderbolt™ users can access any kind of storage, whether it be Fibre Channel, Ethernet, or SAS/SATA based, by inserting an ATTO PCIe card into the EB3T-V3. For pro users on-the-go, this means access to critical data from any Thunderbolt enabled device, even in the field.

ATTO also recently announced certification with Veritas for all Celerity™ 32Gb and 16Gb Gen 6 single-, dual- and quad-port host bus adapter (HBAs). Veritas is known for making backup and recovery software and for being an industry leader in IT. This certification gives confidence to users that mission critical data transfers carry the full protection of two data industry leaders. It also ensures that high-speed interconnects between servers and storage are deemed compatible and are fully supported.

We've added new Celerity certifications to our Interoperability Matrix and we're adding more everyday! For more information on all ATTO certifications, please visit the Interoperability Matrix at:

<https://www.atto.com/support/interoperability/>

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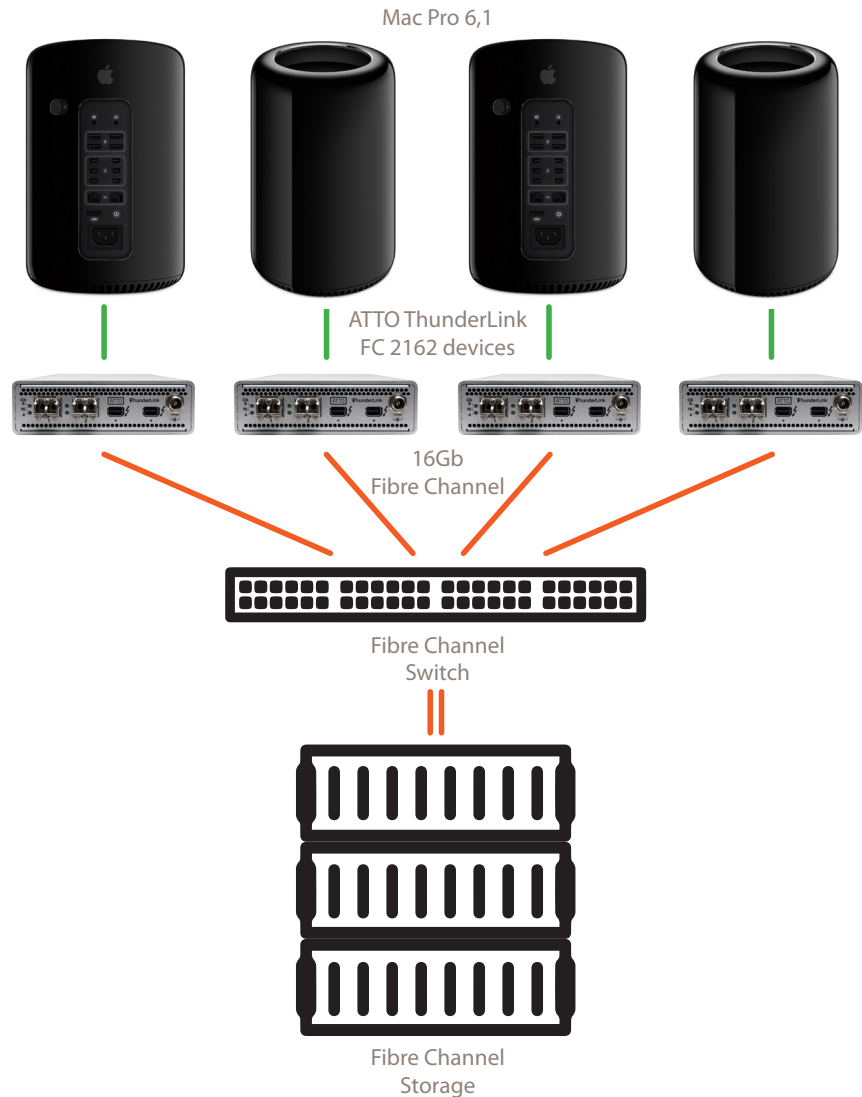
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# DID YOU KNOW



ATTO ThunderLink® Thunderbolt™ adapters are the only purpose-built Fibre Channel SAN connectivity for virtualized Macs fully supported by VMware ESXi.



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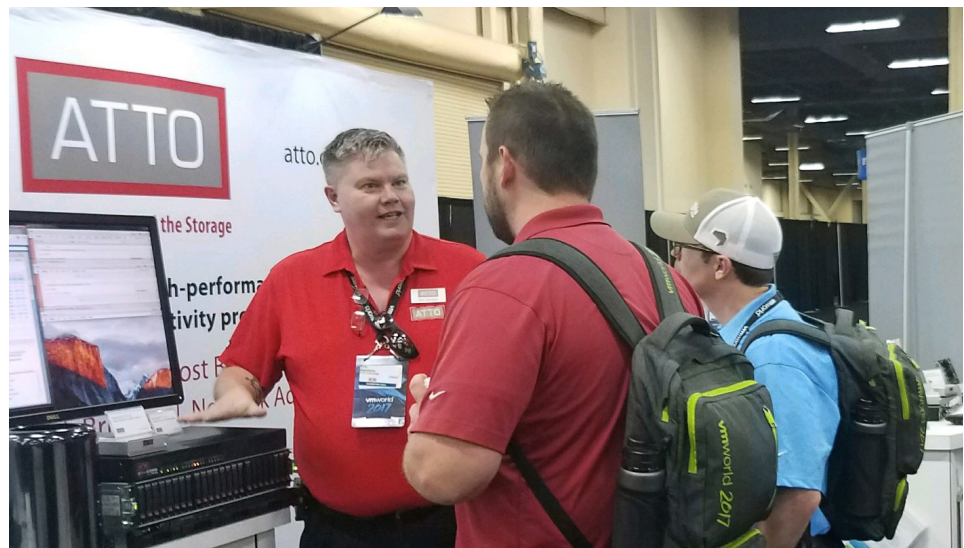
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# TRADESHOWS

## VMworld® Recap

Thanks to everyone who made our presence at VMworld® 2017 a success! As you may have seen, ATTO was one of the top mentions by Storage Newsletter for this year's VMworld. At this year's show, ATTO Technology previewed the new 40Gb Ethernet to 12GB SAS storage controller: the XstreamCORE™ ET 8200.

Other ATTO news included announcing certification of ATTO ThunderLink® Thunderbolt to Fibre Channel adapters for VMware® ESXi™ with support for Mac Pro® which was demonstrated live. Also showcased was the ATTO XstreamCORE FC 7550 with ATTO Gen 6 Fibre Channel Celerity cards in a separate live demonstration. Both of these demos were very well received and drew significant interest. If you weren't able to stop by, you can still learn all about our showing and demos at [www.atto.com/vmworld](http://www.atto.com/vmworld).



## Upcoming Tradeshows

Show	Booth	Location	Dates
IBC	Stand #7.F41	RAI Congress Center, Amsterdam	September 15-19
NetApp Americas	Booth #301	Mandalay Bay, Las Vegas	October 2-5
Quantum Elevate	–	Ritz Carlton, Dana Pointe California	October 3
SMPTE	Dolby #202	Loews Hollywood, Hollywood	October 24-26
NetApp EMEA	Booth #B14	Messe, Berlin, Germany	November 13-16

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# EOL ANNOUNCEMENTS

As a result of the impending acquisition of our Fibre Channel switch partner Brocade by Broadcom and the realignment of their distribution channels, ATTO has made the strategic decision to discontinue our FibreConnect™ SAN switch product line. We have also decided to end the ThunderStream® Thunderbolt™ device line.

We remain committed to ensuring that all ATTO Fibre Channel products maintain the highest level of interoperability with Brocade switches and that the Fibre Channel ecosystem continues to be supported. ATTO fully backs warranties and support contracts and we work closely with Brocade to ensure that supplemental 4-hour on-site and next business day contracts are properly supported. Additionally, to facilitate a seamless transition for those looking to purchase additional switch products, we can provide recommendations for equivalent Brocade products.

For more information, please visit our website:

<https://www.atto.com/landing/switches/>

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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, and software. ATTO solutions provide a high level of connectivity to all storage interfaces, including Fibre Channel, SAS, SATA, iSCSI, 40/10GbE, NVMe and Thunderbolt. ATTO is the Power Behind the Storage.

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