

About ATTO

For over 30 years, ATTO Technology, Inc. has been a global leader across the IT and media & entertainment markets, specializing in network and storage 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 bus adapters, network adapters, protocol bridges, Thunderbolt™ adapters, and software. ATTO solutions provide high level connectivity to all storage interfaces, including Fibre Channel, SAS/SATA, iSCSI, Ethernet, NVMe, NVMe over Fabrics and Thunderbolt. ATTO is the Power Behind the Storage.

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Add SAN Benefits to SAS Storage

Extend the life of existing storage with ATTO XstreamCORE®

ATTO XstreamCORE® Adds Fibre Channel to SAS Storage to Create Shared Storage

When using direct attached RAID storage attached to each host, operations like live migrations can take too long as they typically will be routed through the existing Ethernet network competing with network traffic. Completing VM live migrations this way can take tens of hours. ATTO XstreamCORE® enables all attached hosts to have equal access and visibility so live migrations occur through the fabric, dramatically improving completion time to only a few minutes or less.

The XstreamCORE FC solid state 1U rackmount controller was designed as an accelerated protocol converter to connect SAS/SATA SSDs or HDDs via RAID Array, JBOD or JBOF enclosures to Fibre Channel fabrics. XstreamCORE connects to Fibre Channel via 32Gb and 16Gb Fibre Channel and transfers data from attached 6 or 12Gb SAS devices to host computers with less than 4 microseconds of added latency.

XstreamCORE® Advantages

- Increases lifespan and maximizes ROI of existing storage solutions by quickly and cost effectively converting direct attached SAS RAID or JBOD storage storage on high performance SAN technology improving host to host data transfer rates
- XstreamCORE 7550 and 7600 model present SAS LUNs on a 32Gb and 16Gb Fibre Channel fabric to all ESXI, Hyper-V and other hosts so that all hosts have equal access and visibility to all attached storage
- Easily changes existing direct attached infrastructure into a scalable shared storage platform that allows the addition of new SAS storage and new Fibre Channel hosts with no downtime



XstreamCORE FC 7600

ATTO Accelerated Protocol Conversion Appliances

Product	4K IOPS	Throughput	Host Ports	x4 SAS Ports	SKU
XstreamCORE FC 7600	1.1M	6,400MB/s	(2) - 32Gb Fibre Channel	4 (16 PHYs)	XCFC-7600-002
XstreamCORE FC 7550	1.1M	6,400 MB/s	(4) - 16Gb Fibre Channel	4 (16 PHYs)	XCFC-7550-004



- Improves VM live migration completion time from hours down to a few minutes with no data migration required. Installs on 4 ESXi servers in under an hour and is VMware vSphere® 6.x certified
- XstreamCORE features ATTO xCORE processor which accelerates all I/O in hardware ensuring a deterministic, consistent protocol conversion latency and the ATTO eCORE offload processor which offloads storage services and features from the I/O path, to maintain performance
- XstreamCORE has Fabric management features providing advanced LUN management and diagnostics allowing to map and maintain storage as needed

ATTO XstreamCORE® FC 7600

- 32Gb Fibre Channel to SAS



Convert SAS to shared storage

With XstreamCORE® connected to SAS RAID Arrays storage admins gain the ability to easier scale storage and servers while allowing all attached hosts to have equal, high speed access to attached storage.

