

# Modernize Your Tape Storage with Fibre Channel to SAS Bridges: Simple, Save, Scale



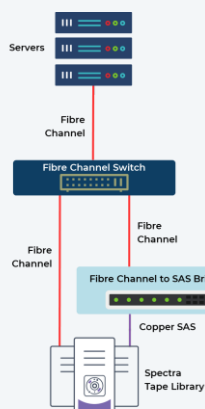
## A Simple Solution for Fibre Channel

Spectra® tape library users can utilize Fibre Channel to SAS bridges as a cost-effective solution for modernizing data center storage infrastructures. It enables seamless integration of lower-cost SAS drives into existing Fibre Channel environments, reducing expenses while supporting high-performance, scalable tape storage. Extended connectivity up to 500km ensures business continuity and addresses future-proofing needs, including compatibility with LTO-10 drives. It tactically resolves compatibility and cost challenges in evolving tape environments and is ideal for transitioning away from Fibre Channel.

### How it Works

The Fibre Channel to SAS bridges offer a simple solution for data centers, allowing them to connect their Fibre Channel networks seamlessly to Spectra tape library SAS tape drives.

- Connects 1 to 16 SAS tape drives per bridge
- Adds less than four milliseconds of latency
- Maintains a consistent level of performance by separating data traffic from services



Fibre Channel-to-SAS bridge connects a 32Gb Fibre Channel SAN to SAS tape drives.

## Benefits of FC to SAS Bridge

### Connectivity versatility

- Easily supports both file and object storage
- Eliminate the need for direct-attached tape or transition away from Fibre Channel connectivity

### Reliable performance

- Optimized to keep multiple tape drives streaming at maximum throughput
- Engineered with an open design not to alter the data path

### Cost efficient

- Prepare for future technology transition away from Fibre Channel
- Implement lower-cost SAS rather than Fibre Channel tape drives

### Flexible interoperability

- Supports 32Gb Fibre Channel and auto-negotiate to 16Gb/8Gb

# Technical Specifications

For Fibre Channel to SAS bridges, Spectra Logic offers the ATTO XstreamCORE® FC 7600 bridge.

The ATTO XstreamCORE FC 7600 bridge empowers Spectra library users to transition from an FC or direct-attach SAS tape drive architecture. Offering two 32Gb inbound connections, it can drive up to 16 channels of 12G SAS. The SAS tape drives provide the connectivity on the tape library side. Once configured and set up, the bridge operates transparently to the host, allowing it to read or write to the drives as if they were directly connected to the host system.

Spectra makes it easy to order, install, and configure the bridge as part of your tape library environment. Our team of experts, as trusted ATTO partners, is ready to assist in sizing the right solution for your needs.



ATTO XstreamCORE FC 7600 front view



ATTO XstreamCORE FC 7600 rear view

ATTO XstreamCORE FC 7600 Bridge	Description
Input Connectors	2 – 32Gb Fibre Channel (SFP+)
Output Connectors	4 – 12Gb mini-SAS HD connectors (x4)
Architecture Latency	< 4 microseconds
Max. 4K IOPS	1,100,000
Max. Throughput	6Gb/s
SAS Tape Drives Supported	Up to 16 tape drives per bridge
Form Factor	1U rackmount
Power Supplies	2 – hot swappable
Product Dimensions	<ul style="list-style-type: none"><li>• Height: 1.735 inches</li><li>• Length: 9.90 inches</li><li>• Width: 17.31 inches</li><li>• Weight: 9.7 / 12.9 pounds (unboxed / boxed)</li></ul>
Operating Environment	<ul style="list-style-type: none"><li>• Temperature: 5 to 40° C at 10,000 feet</li><li>• Humidity: 10 to 90% non-condensing</li></ul>

## About Spectra Logic Corporation

Spectra Logic modernizes IT infrastructures to preserve, protect and defend data, from days to decades, whether on-premises, in a single cloud, across multiple clouds or in all locations at once. Our cost-effective solutions help organizations efficiently manage, migrate and store long-term data, from terabytes to exabytes, with features that make it ransomware resilient.