



ATTO Technology, Inc.

# FibreBridge™ 2390R/D



## Product Features

### **Blazing Fast Performance**

- Backup more data in less time with aggregate performance through multiple ports at over 1.2 TB/hr.
- Reduce backup windows by running multiple concurrent backups

### **Smooth Data Streaming**

- Maximize media performance with Speedwrite™, an ATTO-designed technology which efficiently queues outstanding write commands
- Reduce failed backups due to busy or slow-to-respond storage with ATTO's exclusive Virtual Drive Response (VDR)

### **One Click Installation**

- Simplify configuration and management of FibreBridges with ExpressNAV™, ATTO's easy-to-use web-based GUI
- Reduce time spent on initial set-up with features such as automatic LUN mapping
- Quickly and easily integrate additional bridges into SANs with the ability to save and restore bridge configurations

### **SAN Connectivity**

- Extend useful life of existing SCSI storage by adding Fibre Channel connectivity
- Single point of management for storage behind the bridge

## **Advanced Generation Fibre Channel-to-SCSI Bridge Featuring Performance Support for Next-Generation Storage Media**

As Storage Area Networks (SANs) increase in prevalence the need increases to make DAS data available on the network. The benefits of networked storage, such as increased availability and scalability, in addition to a more efficient utilization of storage, is helping to drive this transition. This poses a problem for organizations who have already invested thousands of dollars in SCSI-based storage, yet wish to migrate to a SAN. ATTO FibreBridges help address this need by offering Fibre Channel connectivity to native SCSI devices, extending the useful life of SCSI storage while eliminating the need to purchase additional storage.

The ATTO FibreBridge™ 2390R/D is amongst the highest-performing Fibre Channel-to-SCSI bridges available on the market today, second only to the ATTO FibreBridge 2400. Thanks to industry-leading support for 4-Gigabit Fibre Channel and Ultra320 SCSI, the FibreBridge 2390 provides the throughput required by today's advanced next-generation storage in an industry standard 1U desktop form factor. The included graphical user interface (GUI) makes set-up and maintenance a breeze, while other ATTO-designed features help boost performance and increase availability.

With a high performance architecture utilizing a 4-Gigabit Fibre Channel interface, the FibreBridge 2390R/D is the industry's first choice for Tape Automation OEMs who need to integrate today's high-performance LTO-3 and SDLT600 tape drives.

## Technical Highlights

- One 4-Gigabit Fibre Channel port to two Ultra320 SCSI
- Auto negotiates to 1- and 2-Gigabit Fibre Channel
- Backward compatibility with all previous SCSI protocols
- Manual and auto SCSI device mapping
- Features *intelligent Bridging Architecture* for optimized performance
- ExpressNAV™ integrated management console for remote configuration, management and diagnostic capabilities
- Supports SCSI hard disk drives, tape drives, and CD libraries
- RoHS Compliant
- 2-year standard product warranty

**Technical Specification**  
FibreBridge™ 2390R/D

## Fibre Channel Bridge

For More Information:  
[www.ATTOTech.com](http://www.ATTOTech.com)  
 or to Purchase:  
[www.ATTOSTore.com](http://www.ATTOSTore.com)  
 (716) 691-1999

Hardware Specifications	
Fibre Channel Interface	<ul style="list-style-type: none"> <li>• One (1) 4-Gigabit Fibre Channel ports auto negotiate to 1- and 2-Gigabit Fibre Channel</li> <li>• SFP Fibre Channel Connectors</li> <li>• Support for direct connect to F-port fabric switches</li> <li>• Full support for full duplex Fibre Channel data transfers</li> <li>• Full support for FC-AL, PLDA and public loop login</li> </ul>
SCSI Interface	<ul style="list-style-type: none"> <li>• Two (2) independent Ultra 320 SCSI busses</li> <li>• Dual-stacked VHDCI SCSI connectors</li> <li>• Backward compatible with all single-ended SCSI devices</li> <li>• Backward compatibility with all previous SCSI protocols</li> </ul>
Management	
Device Management Physical Interface	<ul style="list-style-type: none"> <li>• Network through 10/100 BaseT Ethernet Port (Telnet, FTP and SNMP)</li> </ul>
Device Management User Interface	<ul style="list-style-type: none"> <li>• Command Line Interface (CLI)</li> <li>• ATTO ExpressNAV™ web-based integrated management console</li> <li>• Performance reporting and Error Logging (CLI commands)</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>• Power</li> <li>• Ready</li> <li>• Fault</li> <li>• SCSI activity Port 1,2</li> <li>• FC activity, link</li> <li>• Ethernet activity and link</li> </ul>
Agency Approvals	
Safety and Environmental	<ul style="list-style-type: none"> <li>• FCC Class A</li> <li>• CE (EN55022/EC55024)</li> <li>• CSA</li> <li>• RoHS Compliant</li> </ul>
Environmental & Physical Specifications	
Dimensions	<ul style="list-style-type: none"> <li>• 1.579" H</li> <li>• 10.000" L</li> <li>• 16.494" W</li> </ul>
Operating Environment	<ul style="list-style-type: none"> <li>• Temperature: 0-40° C</li> <li>• Humidity: 20-80% non-condensing</li> </ul>
Power	<ul style="list-style-type: none"> <li>• Input: 100-240 VAC x18% 50/60 Hz</li> </ul>
Configuration	<ul style="list-style-type: none"> <li>• Desktop (with attached feet)</li> <li>• 19" rack mount kit included</li> </ul>
Other	
Operating System Supported	<ul style="list-style-type: none"> <li>• Operating system independent</li> </ul>
Ordering Information	
Model Number	<ul style="list-style-type: none"> <li>• FCBR-2390-DR0</li> </ul>