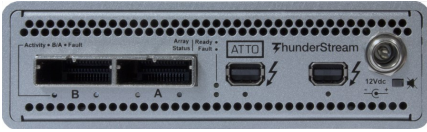


## ATTO ThunderStream® SC 4808

THUNDERBOLT™ 2 TO 6Gb SAS/SATA RAID



ATTO ThunderStream Storage Controllers provide latency management and RAID protection for SAS/SATA devices which are accessible by Thunderbolt enabled host.

### TECHNICAL FEATURES

- 20Gb/s Thunderbolt to 6Gb SAS/SATA with support for up to 128 disk or tape devices through expanders
- Provides RAID Levels 0, 1, 5, 6 & 10
- Thunderbolt 2 line speed performance
- Dual 20Gbps Thunderbolt with Display Port and PCIe Support
- Thunderbolt certified for Mac and PC
- Dual ports enable daisy-chaining up to six devices
- Autonomous operation; RAID Rebuilds, Media Scan and other operations continue without a host connection.
- ATTO ConfigTool for customized performance settings
- Industry's lowest power consumption
- Standard Three-year warranty
- RoHS Compliant
- Backwards compatible with 10Gb/s Thunderbolt

### INDUSTRY PROVEN TECHNOLOGY

ATTO ThunderStream® Storage Controllers feature time-proven ATTO RAID technology and other proprietary technologies developed to provide the highest performing shared storage solution in its class. ATTO ThunderStream Storage Controllers integrate with disk drives to enable a small form factor, high performance RAID array. In addition, SAS tape drives can be connected to Thunderbolt to provide access using backup software and LTFs tape applications.

### FLEXIBLE CONNECTIVITY SOLUTIONS

The 6Gb/s RAID storage controller is an ideal solution for users looking to achieve the highest I/O and data throughput for advanced video and access to IT applications. ThunderStream SC 4808 devices offer driver support for Mac OS® X 10.9 and later and Windows® 7 and later, providing a single connectivity solution for customers with heterogeneous operating system environments.

### PERFORMANCE ENGINEERED

The ThunderStream SC features latency and disk management technologies which ensure optimal performance and minimal latency. ATTO's Advanced Data Streaming (ADS™) Technology manages latency by providing controlled acceleration for smooth data streaming. DriveAssure™ technology uses proprietary algorithms and user controls to prevent premature drive failures and slow downs. Combined, these technologies give users smooth, uninterrupted access to data with the highest available performance.

### ADVANCED MANAGEMENT TOOLS

ATTO's easy-to-use ConfigTool™ features an intuitive GUI that simplifies the installation, management and monitoring of the Thunderbolt™ device controller. With advanced troubleshooting and performance tuning capabilities, ConfigTool provides users with sophisticated diagnostics and the flexibility to control settings for specific applications

# ATTO ThunderStream® SC 4808

## THUNDERBOLT™ 2 TO 6Gb SAS/SATA RAID

### APPLICATIONS

ATTO ThunderStream Storage Controllers allow Thunderbolt enabled platforms for Mac® and Windows operating systems to add high-performance RAID protection to SAS/SATA JBOD storage. This maximizes storage performance for professional and prosumer applications such as digital content creation, prepress and high-definition video/audio streaming.

### ADVANCED DATA STREAMING (ADS™)

Latency-management technology that controls the acceleration of data transfers to move large amounts of data faster and more efficiently.

### DRIVEASSURE™ TECHNOLOGY

Drive assessment and latency management technology which minimizes the likelihood of RAID Groups becoming prematurely degraded or taken offline due to slow drives ensuring uninterrupted access to media.

### RAID FEATURES AND FUNCTIONALITY

- RAID Levels 0, 1, 5, 6, 10
- Automatic RAID rebuild priority
- RAID export functionality allows RAID data to be accessed when drives connected to ATTO ExpressSAS® RAID products
- Hot swap with auto rebuild
- Dedicated or global hot spares
- Onboard audible alarm
- Initialization media scrubbing
- Media scan with parity verification
- Rebuilds continue-on-error
- On-the-fly media error handling

### MANAGEMENT TOOLS

- User-friendly GUI for quick and easy RAID setup
- Command Line Interface for advanced functionality
- ATTO ConfigTool: RAID management and configuration utility
- Automatic drive initialization and verification identifies drives with soft errors or performance issues
- SCSI Enclosure Services (SES) monitor critical components to provide system feedback
- Temperature monitoring

### OPERATING SYSTEM SUPPORT

- Mac OS® X 10.9 and later
- Windows® 7 and later

### DIMENSIONS

- 8.66"(D) x 4.07"(W) x 1.20"(H)

### POWER ADAPTER

- Input: 100-240VAC, 50-60Hz, 0.6A Max
- Output: 12VDC

### EXTERNAL CONNECTIVITY

- (2) 6Gb x4 mini-SAS connectors (SFF-8088)
- Supports SAS and SATA disk devices
- Pass-through for SAS tape devices

### ENVIRONMENTAL

#### OPERATING TEMPERATURE :

- Temperature: 0-40° C
- Humidity: 10-90% non-condensing

#### STORAGE TEMPERATURE :

- Temperature: -40 C to 70° C
- Humidity: 5-95% non-condensing

### COMPLIANCE

- FCC Part 15, Subpart B, Class B
- EN55022, Class B/EN55024
- EN60950-1
- CTUVUS
- EU RoHS (2011/65/EC)
- TAA Compliant (country of origin: USA)

### WARRANTY

- 3 Years

### ORDERING INFORMATION

- Phone: 716-691-1999

### THUNDERBOLT 2 TO 10GBASE-T

- ThunderStream SC 4808: TSSC-4808-D00
- ThunderStream SC 4808: TSSC-4808-DE0

### COMPLEMENTARY PRODUCTS

- ATTO Celerity™ Fibre Channel HBAs
- ATTO ExpressSAS® HBAs and RAID Adapters
- ATTO FastFrame™ NICs
- ATTO FibreBridge® Fibre Channel Bridges
- ATTO FibreConnect™ Fibre Channel Switches
- ATTO premium cables

ATTO ThunderStream	SC 4808
<b>Model Number</b>	TSSC-4808-D00 TSSC-4808-DE0
<b>Input Connectors</b>	(2) 20Gb/s Thunderbolt™
<b>Output Connectors</b>	(2)x4 6Gb/s SAS/SATA
<b>Connector Type</b>	(2) SFF-8088
<b>Form Factor</b>	Desktop
<b>Warranty</b>	3 Year

