

## ABOUT ATTO TECHNOLOGY, INC.

For nearly 30 years, ATTO Technology, Inc., has been a global leader across the IT and media and entertainment markets, specializing in storage and network connectivity and infrastructure solutions for the most data-intensive computing environments. ATTO works collaboratively with partners to deliver a wide range of end-to-end, customized solutions to better store, manage and deliver big data. With a focus toward markets that require higher performance and with a dedication to working as an extension of customer's design teams, ATTO manufactures host and RAID adapters, network adapters, storage controllers, Thunderbolt™-enabled devices, switches and software. ATTO solutions provide a high level of connectivity to all storage interfaces, including Fibre Channel, SAS, SATA, iSCSI, 40/10GbE, FCoE and Thunderbolt. Distributing its cutting-edge products worldwide through Original Equipment Manufacturers (OEMs), systems integrators, value added resellers (VARs) and authorized resellers, ATTO is the Power Behind the Storage.

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## ATTO ThunderStream™ Storage Solution for Demanding Workflows

THUNDERBOLT™ WITH RAID CREATES A HIGH-PERFORMANCE, FLEXIBLE STORAGE SOLUTION

Thunderbolt™ technology represents a paradigm shift for high-performance connectivity. Combining PCIe and DisplayPort over a single cable, Thunderbolt 2 features a speed of 20Gb/s and is capable of supporting 4K workflows from a single port. This same high-performance interface was quickly adopted by mobile workstations and all-in-ones. Users working with large image files like those found in 4K video and CAD/CAM embrace the interface for the flexibility and speed of data transfer it provides.

ATTO Technology's ThunderStream™ 4808 6Gb/s SAS/SATA RAID Storage Controllers provide Thunderbolt 2 connectivity while creating seamless connectivity on a job or production site or in the office or studio. Now 60% smaller than previous versions, these purpose-made storage controllers allow users to connect to storage creating a greater field of options for connectivity through Thunderbolt-enabled platforms. Thunderbolt also supports daisy chaining for up to six devices and plug and play, creating a modular peripheral option for remote office locations. ATTO's ThunderStream also provides a wide range of interoperability, OS support and differentiators to create a reliable solution for all environments.

ThunderStream features **Advanced Data Streaming (ADS™)**, a proprietary technology specifically designed to control acceleration of data transfers. ADS also allows users to move large amounts of data faster and more efficiently, maintaining the highest consistent performance. When designing, ATTO's engineers pay close

attention to the intricacies of signal clarity to ensure smooth and reliable data transfers, which can make the difference between meeting a deadline or falling behind.

ATTO also provides **Adaptive Path Optimization** for SAS/SATA. This creates redundant pathways from the computer to storage devices, eliminating single points of failure in connectivity while providing additional performance. In the event of a path failure, or if a path is out of use due to maintenance, ATTO's Adaptive Path Optimization has built-in intelligence to redirect I/O automatically to the open path. By balancing the number of drives per path, ATTO's ThunderStream 4808 RAID device ensures paths are always balanced and running at optimal efficiency.

For an extra layer of protection, ATTO's ThunderStream Storage Controllers feature **DriveAssure™** Technology to provide bounded latency, preventing premature drive failures and slow downs to ensure uninterrupted access to data. DriveAssure initializes and performs periodic drive scans to identify bad sectors and make repairs before failures can occur, ensuring data is consistently returned.



ATTO ThunderStream™ 4808