

ADS™ Technology

ATTO

Latency Management for the Highest Consistent Performance

ATTO's exclusive Advanced Data Streaming (ADS™) is a proprietary technology that is built into ATTO Host Adapters and RAID Storage Controllers, designed to manage latency in high-bandwidth work environments.

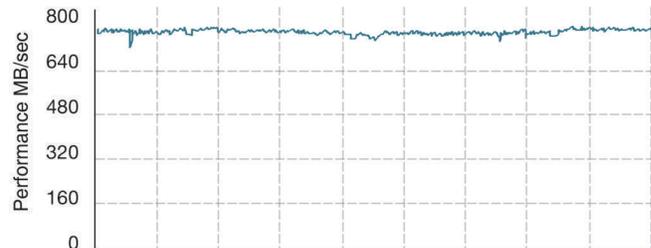
Advanced
ADS Data
Streaming

ADS provides controlled acceleration of data transfers by utilizing a combination of features to move large amounts of data faster and more efficiently, maintaining the highest consistent performance.

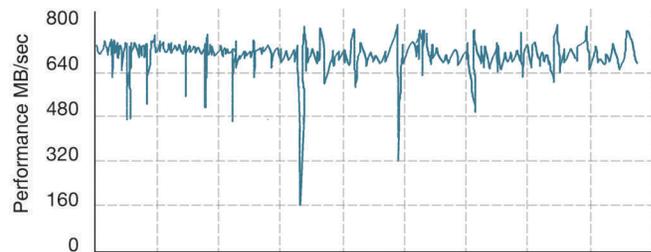
From high I/O transactional applications to large bandwidth real time streaming, ADS reduces project interruptions by maximizing the number of transactions that can be processed by the CPU, resulting in better overall system performance.

ADS Technology is incorporated into ATTO's Celerity Fibre Channel Host Adapters, ExpressPCI SCSI Host Adapters, ExpressSAS SAS/SATA Host and RAID Adapters and FastStream™ RAID Storage Controllers.

ATTO Products with ADS: Smooth and Reliable Data Transfers



Competitive Products without ADS: Disrupted Data Transfers



Why ATTO?

Industry's Best Signal Quality: ATTO engineers pay astute attention to the intricacies of signal clarity to ensure smooth and reliable data transfers. For the user, this means the difference between completing projects on time or missing deadlines.

High Performance: Controlling data acceleration and reducing latency means large amounts of data can move faster and more efficiently, which is essential for applications such as digital content creation, prepress, databases, and video/audio streaming.

Time-Tested Drivers: With upwards of 20 years experience designing high performance storage connectivity products, ATTO has a long history of providing stable drivers for Windows®, Linux, Mac® OS and VMware.

Key Features

Optimized Driver Algorithms - Many generations of driver codes maximize stability and optimization for workgroup applications

Bus Mastering - Relieves CPU burden by transferring data directly between ATTO products and system memory

Tagged Command Queuing - Multiple I/O commands can be processed in any order, improving read and write requests to hard drives

Disconnect/Reconnect - Eliminates wait time between ATTO products and other devices, enabling dynamic sharing of bus bandwidth

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