

Signal Integrity



Industry's Cleanest Board Design for Smooth and Reliable Data Transfers

ATTO Technology has been manufacturing storage connectivity products for over 20 years, becoming experts in the art of developing clean board design for smooth data streaming. ATTO engineers pay close attention to signal integrity with a focus on minimizing jitter, crosstalk, reflections, and power supply noise, resulting in the cleanest signals in the industry.

This is one of the reasons why ATTO is the most trusted storage connectivity solution provider in the Media and Entertainment industry for high speed streaming applications. Signal quality is the best indicator of performance and could be the difference between completing projects on time or missing deadlines. ATTO products can be relied upon for uninterrupted, reliable, and high-performance data transfers.

Why ATTO?

Reliable Data Transfers - Careful signal routing and appropriate termination techniques overcome transmission line effects to enhance the reliability of data transfers.

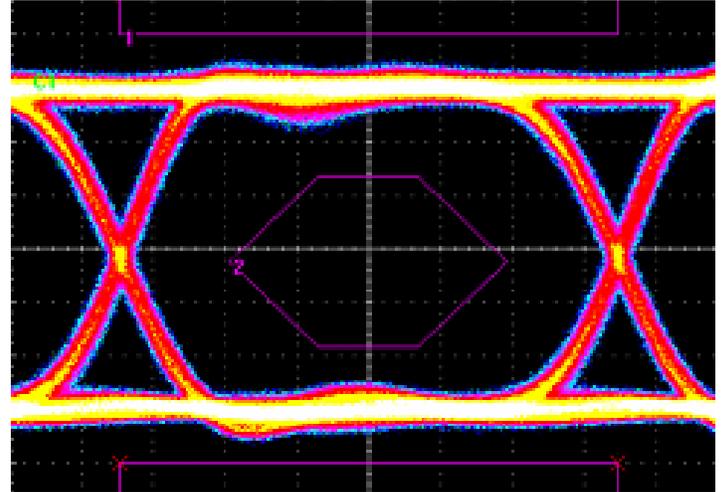
Superior Performance - Connections between the card and target devices are optimized to provide outstanding system performance.

Unmatched Data Integrity - Advanced error checking and corrective measures reduces the likelihood of data loss and workflow interruptions.

Extensive Interoperability - Validated signal integrity ensures that ATTO products work seamlessly with many other 3rd party devices.

Stable and Robust Design - Maintain performance over time with the ability to handle errors and eliminate sensitivity to bad cables or power supplies.

ATTO's Signal Integrity



Clean eye pattern leads to smooth and reliable data transfer performance



ATTO's RAID adapters, host bus adapters and RAID storage controllers take advantage of superior signal quality to provide smooth data transfers and high performance. ATTO provides a complete line of 8Gb/s and 4Gb/s Fibre Channel host bus adapters, 6Gb/s and 3Gb/s SAS/SATA host bus adapters, 6Gb/s and 3Gb/s SAS/SATA RAID adapters, SCSI host bus adapters, and Fibre Channel- and SAS-based RAID Storage Controllers.

The best signal quality in the industry, combined with distinctive Advanced Data Streaming (ADST[™]) Technology that manages latency to provide the highest consistent performance, makes ATTO adapters and storage controllers the premier choice for fast and reliable SAN or direct attached storage connectivity.