

ABOUT ATTO TECHNOLOGY, INC.

For over 30 years, ATTO Technology, Inc. has been a global leader across the IT and media & entertainment markets, specializing in storage and network connectivity and infrastructure solutions for the most data-intensive computing environments. ATTO works with partners to deliver end-to-end solutions to better store, manage and deliver data.

Working as an extension of customer's design teams, ATTO manufactures host bus adapters, network adapters, storage controllers, Thunderbolt™ adapters, and software. ATTO solutions provide a high level of connectivity to all storage interfaces, including Fibre Channel, SAS/SATA, iSCSI, Ethernet, NVMe, NVMe over Fabrics and Thunderbolt. ATTO is the Power Behind the Storage.

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ATTO FastFrame 360

TUNING, MONITORING AND DIAGNOSTICS APPLICATION FOR 10/25/40/50/100GbE NICs

OVERVIEW

An all purpose tool for Ethernet network optimization, ATTO FastFrame 360 features performance tuning, monitoring, and diagnostic tools that deliver the best performing and most efficient storage networks. Designed for the creative professional who wants to unlock the true potential of ATTO FastFrame™ and Thunderlink® adapters we decided to bring our understanding of storage networking and combine all of the tools and techniques our engineering team uses everyday and consolidate them into a simple, easy to use management interface.

PERFORMANCE TUNING

Easy one click setup provides nine pre-configured performance tuning profiles for macOS®, Windows®, and Linux®.

- Profiles included are post production, capture / ingest, colorcorrection, high throughput and zero packet loss.
- Save and set your own profiles.
- Tune for both files level (NAS) and block level (Fabrics) storage.
- Over 25 individual tuning settings can be adjusted including buffer settings, MTU sizes, IRQ, and NUMA just to name a few.

DIAGNOSTICS

A triage center for connectivity issues with intuitive features that keep you running efficiently and pro-actively fix problems before they occur.

360 scans for frequently recorded and troublesome errors that are not always obvious.

- Identifies mbuf issues when system resources are getting low and recycles mbufs before falling off a performance cliff.

Will make suggestions to increase efficiency like;

- Increasing MTU size which can often result in greater transfer speeds.
- Hardware problems such as PCIe slot, link cables, connections, etc.

ATNetstat—an ATTO developed tool that provides detailed information and statistics about network traffic that is used in diagnosis.

MONITORING

Incorporates several benchmarking tools like ATTO disc benchmark, iPerf, FIO and iometer.

- Analyze benchmarks from several different tools in one convenient location
- Perform nmap security scans.
- Display OS name and version number, CPU chip brand, processor type, model, CPU speed, number of cores, NUMA mode configurations and monitor several more system settings from one application.