

ABOUT ATTO TECHNOLOGY, INC.

For over 30 years ATTO 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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KEY BENEFITS

- Edit more streams of HD, UHD, 4K and higher video to keep projects on time
- Add more clients to existing workflows for improved collaboration
- ATTO advanced hardware and drivers result in lower latency for media workflows
- Simple installation and management
- Balanced performance with improved throughput

ATTO Ethernet Adapters Enhance Avid NEXIS® Workflows

ATTO has been developing high performance, low latency storage and network connectivity solutions for over 30 years. ATTO ThunderLink® Thunderbolt™ adapters are currently the only certified Ethernet Thunderbolt adapter and NIC connectivity solution for the Avid NEXIS series.

Avid high-performance shared storage systems give creative teams real-time editorial collaboration with performance that accelerates media workflows. The advanced Avid NEXIS | FS file management system enhances collaboration and maximizes production efficiency by enabling editors to work with a host of tools from Avid, Adobe and Apple.

ATTO ThunderLink adapters are designed to be used in the latest professional workflows using Thunderbolt hosts including Apple iMac Pro™. They are quiet and energy efficient, which makes them perfect for fixed and mobile editing environments. ATTO FastFrame™ PCIe-based NICs further extend connectivity options allowing Windows® and Linux® users to collaborate and assist in achieving the maximum throughput needed to complete real-time editorial collaboration.

Multiple clients collaborating across multiple operating systems are now able to complete the work at hand without worrying about poor performance and erratic delivery of data. At the same time, this allows for a scalable solution to increase not only performance, but the total available storage for clients.

ATTO adapters seamlessly integrate into existing environments and have tuned device drivers for use with high-performance Avid storage. Shared storage workspaces over 40Gb and 10Gb Ethernet networks achieve higher performance, increased resolutions of video can be processed or edited and higher frame rates are supported.

Platform	OS	40Gb Product	Avid Back-End	Avg. Lat (µs)	Max. Lat (µs)	Bandwidth
HP Z8	Windows	ATTO NQ42	E2 SSD x2	61	96	4156 MB/s
iMac Pro	macOS	ATTO NQ3402 (TB3)	E2 SSD x2	105	111	2429 MB/s
HP Z8	Windows	ATTO NQ42	E5	57	81	4470 MB/s
iMac Pro	macOS	ATTO NQ3402 (TB3)	E5	46	105	2427 MB/s
HP Z8	Windows	ATTO NQ42	E4 x7	57	71	4475 MB/s
iMac Pro	macOS	ATTO NQ3402 (TB3)	E4 x7	105	134	2428 MB/s

Avid and ATTO have partnered for over 20 years to deliver solutions for high-performance, flexible and scalable media workflows. ATTO 40GbE and 10GbE FastFrame NICs and ThunderLink Thunderbolt to Ethernet adapters are designed to meet the ever growing performance needs of Avid’s software defined storage environment.

