TECH BRIEF

ATTO

Key Benefits

- Edit more streams of HD, UHD, 4K, 8K 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
- Custom ATTO 360™ tuning profiles for Avid NEXIS
- ATTO 360™ simplifies configurations and ensures peak performance

ATTO Ethernet Adapters Enhance Avid NEXIS® Workflows

ATTO has been developing high performance, low latency storage and network connectivity solutions for over 35 years. ATTO FastFrame™ Ethernet SmartNICs and ThunderLink® Thunderbolt™ adapters are the preferred Ethernet 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 adapters are designed to be used in the latest professional workflows. They are energy efficient, which makes them perfect for fixed and mobile editing environments. ATTO FastFrame™ PCIe-based NICs further extend connectivity options allowing Windows®, Linux® and macOS® 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.
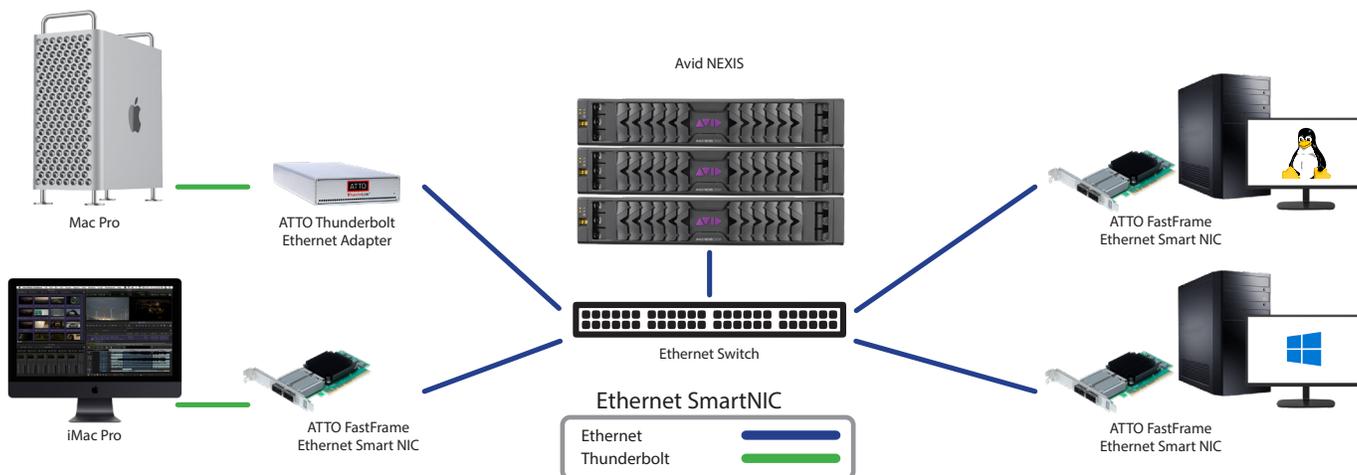
ATTO adapters seamlessly integrate into existing environments and have tuned device drivers for use with high-performance Avid storage. Shared storage workspaces over 1000Gb. 50Gb, 25Gb and 10Gb Ethernet networks achieve higher performance, increased resolutions of video can be processed or edited and higher frame rates are supported.

About ATTO

For over 35 years, ATTO Technology, has been a global leader across the IT and media & entertainment markets, specializing in network and storage 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.

The Power Behind the Storage

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Avid and ATTO have partnered for over 30 years to deliver solutions for high-performance, flexible and scalable media workflows. ATTO FastFrame SmartNICs and ThunderLink Thunderbolt to Ethernet adapters are designed to meet the ever growing performance needs of Avid's software defined storage environment.

ATTO FastFrame	N311	N312	N322	NS12	NS12-002
Ports	Single	Dual	Dual	Dual	Dual
Bus Characteristics	x16 PCIe 3.0	x16 PCIe 3.0	x8 PCIe 3.0	x8 PCIe 2.0	x8 PCIe 2.0
Connectors	QSFP28	QSFP28	SFP28	SFP+ optical (included)	RJ45 Copper (via SFP+ adapter)
Form Factor	Low Profile	Low Profile	Low Profile	Low Profile	Low Profile
Max Transfer Rate	100 GB/s	100 GB/s	25 GB/s	10Gb/s	10Gb/s

ATTO ThunderLink	TLN3-3102	TLN3-3102T	TLNS-3252
Ports	Dual	Dual	Dual
Computer Connection	40Gb/s Thunderbolt	40Gb/s Thunderbolt	40Gb/s Thunderbolt
Output Connectors	(2) 10Gb Ethernet	(2) 10Gb Ethernet	(2) 25Gb Ethernet
Included Optics	2 SFP+	2 RJ45 SFP+	2 SFP+
Direct Attach SKU	TLN3-3102-D00 / TLN3-3102-DE0*	TLN3-3102-T00 / TLN3-3102-TE0*	TLNS-3252-D00/ TLNS-3252-DE0*

* CEE 7/7 (SHUKO) power cord and BS 1363 UK10 power cord included

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