ATTO

The Power Behind the Storage

ATTO FastFrame™ and ThunderLink® Ethernet Connectivity For Avid NEXIS®
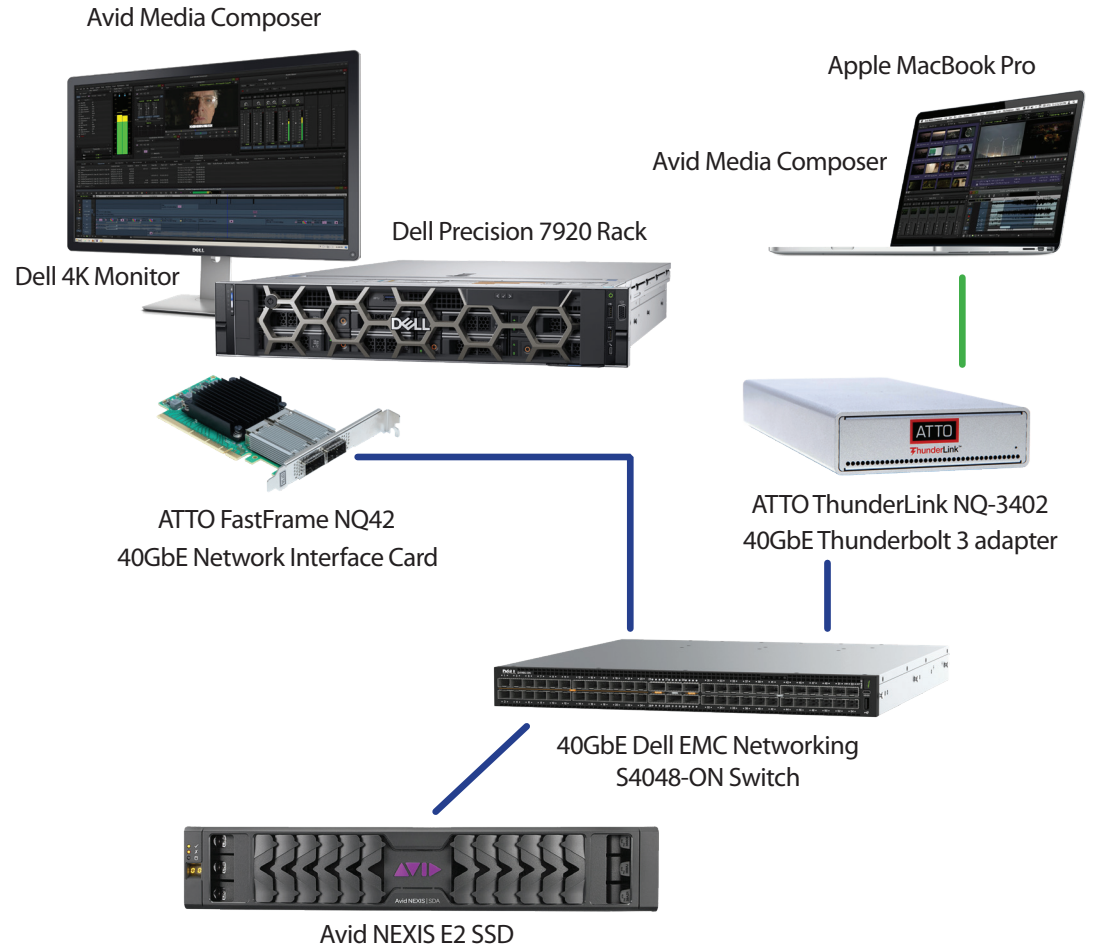
Avid NEXIS® certified, high-performance connectivity for macOS® and Windows®

Demo Description:

Designed for high-performance and low latency, this Avid and ATTO shared storage solution allows users to collaborate on projects by connecting the latest platforms to Avid NEXIS® via ATTO FastFrame™ NICs and ThunderLink® 40Gb Ethernet adapters.

Solution Benefits:

- ATTO is the only company with both purpose-made ThunderLink Thunderbolt™ adapters and FastFrame Network Interface Cards formally certified by Avid for high-performance 40Gb and 10Gb Ethernet connectivity to Avid NEXIS.

- Working together, ATTO and Avid allow a group of up to several hundred collaborators, using macOS®, Windows® or Linux® to work efficiently, while at the same time allowing for a scalable solution to grow with the customer's needs.

- This solution provides users the ability to use their choice of editing software, work at higher resolutions and edit more streams of Ultra High Definition, 4K or higher video.

Avid Media Composer

Apple MacBook Pro

Avid Media Composer

Dell Precision 7920 Rack

Dell 4K Monitor

ATTO FastFrame NQ42
40GbE Network Interface Card

ATTO ThunderLink NQ-3402
40GbE Thunderbolt 3 adapter

40GbE Dell EMC Networking
S4048-ON Switch

Avid NEXIS E2 SSD

Ethernet	
Thunderbolt	

Mac

AVID

DELL

DELL EMC

ATTO ThunderLink® Adapters - Thunderbolt 3

Product Features	Fibre Channel	Fibre Channel	40GbE	25GbE	10GbE	SAS/SATA
Part Number	TLFC-3322-D00/DE0	TLFC-3162-D00/DE0	TLNQ-3402-D00/DE0[1]	TLNS-3252-D00/DE0	TLN3-3102-D00/DE0	TLSH-3128-D00/DE0
Input Connectors	(2) 40Gb/s Thunderbolt 3 (USB-C)	(2) 40Gb/s Thunderbolt 3 (USB-C)	(2) 40Gb/s Thunderbolt 3 (USB-C)	(2) 40Gb/s Thunderbolt 3 (USB-C)	(2) 40Gb/s Thunderbolt 3 (USB-C)	(2) 40Gb/s Thunderbolt 3 (USB-C)
Output Connectors	(2) 32Gb/s Fibre Channel	(2) 16Gb/s Fibre Channel	(2) 40GbE	(2) 25GbE	(2) 10GbE	(2) 12Gb SAS/SATA
Connector Type	(2) Optical SFP+LC (Included)	(2) Optical SFP+LC (Included)	(2) QSFP+ (Included)	(2) Optical SFP+28 (Included)	(2) Optical SFP+LC (Included)	(2) mini SAS (x4) SFF 8644 External
Warranty	3 year	3 year	3 year	3 year	3 year	3 year

ATTO ThunderLink® Adapters - Thunderbolt 2

Product Features	Fibre Channel	Fibre Channel	10GBASE-T
Part Number	TLFC-2162-D00/DE0[1]	TLFC-2082-D00/DE0[1]	TLNT-2102-D01/DE1[1]
Input Connectors	(2) 20Gb/s Thunderbolt	(2) 20Gb/s Thunderbolt	(2) 20Gb/s Thunderbolt
Output Connectors	(2) 16Gb/s Fibre Channel	(2) 8Gb/s Fibre Channel	(2) 10GbE
Connector Type	(2) Optical SFP+ LC (Included)	(2) Optical SFP+ LC (Included)	(2) RJ45
Warranty	3 year	3 year	3 year

[1] Includes UK/EMEA power components, accessories.
Compatible cables and accessories available.

ATTO FastFrame™ 3 Optical Network Interface Cards

Product Features	N351	N352	N322	N311	N312
Part Number	FFRM-N351-DA0	FFRM-N352-DA0	FFRM-N322-DA0	FFRM-N311-DA0	FFRM-N312-DA0
Max. Data Rate	50Gb/s	50Gb/s	25Gb/s	100Gb/s	100Gb/s
Supported Speeds	1/10/25/40/50 Gb/s	1/10/25/40/50 Gb/s	1/10/25 Gb/s	1/10/25/40/50/100 Gb/s	1/10/25/40/50/100 Gb/s
Bus Type	PCIe 3.0 x8	PCIe 3.0 x8	PCIe 3.0 x8	PCIe 3.0 x16	PCIe 3.0 x16
Connector Type	QSFP28	QSFP28	SFP28	QSFP28	QSFP28
Low-Profile Form Factor	Yes	Yes	Yes	Yes	Yes
Warranty	3 year	3 year	3 year	3 year	3 year

ATTO FastFrame™ Optical Network Interface Cards

Product Features	NS12	NS11	NQ42	NQ41
Part Number	FFRM-NS12-000	FFRM-NS11-000	FFRM-NQ42-000	FFRM-NQ41-000
10GbE Ports	2	1	0	0
40GbE Ports	0	0	2	1
Max. Data Rate	10Gb/s	10Gb/s	40Gb/S	40Gb/S
Bus Type	PCIe 2.0[1] x8	PCIe 2.0[1] x8	PCIe 3.0 x8	PCIe 3.0 x8
Connector Type	Optical SFP+ LC	Optical SFP+ LC	Optical QSFP+	Optical QSFP+
Low-Profile Form Factor	Yes	Yes	Yes	Yes
Warranty	3 year	3 year	3 year	3 year

ATTO FastFrame™ 10GBASE-T Network Interface Cards

Product Features	NT12	NT11
Part Number	FFRM-NT12-000	FFRM-NT11-000
10GbE Ports	2	1
Max. Data Rate	10Gb/s	10Gb/s
Bus Type	PCIe 2.0[1] x8	PCIe 2.0[1] x8
Connector Type	RJ45	RJ45
Low-Profile Form Factor	Yes	Yes
Warranty	3 year	3 year
Warranty	3 year	3 year

[1] Cross-compatible with PCIe 3.0.
Compatible cables available.