



The Power Behind the Storage

ATTO XstreamCORE® ET 8200 for Tape or JBODs

Hardware accelerated iSCSI to aggregated SAS JBODs and tape libraries shared with multiple clients

Demo Description:

ATTO XstreamCORE® ET 8200 allows up to 56 host clients to connect to direct-attached storage devices. XstreamCORE creates an iSCSI SAN using iSER or iSCSI protocols to connect to SAS JBOD, RAID and Tape devices. These devices can be mapped to one or more client servers. Supports standard or custom backup applications, media asset management software or software-defined storage applications. Combined with ATTO FastFrame™ Ethernet NICs, achieve up to 6.0GB/s of throughput when reading or writing data to attached storage.

Solution Benefits:

Tape Applications

- Use XstreamCORE with tape devices and LTFS or backup and archive software
- Allows up to 56 clients to have access to SAS tape devices
- Remotely connects clients to up to 16 SAS LTO tape drives
- Improves tape write performance by 20% with ATTO SpeedWrite™ Acceleration
- Works with leading ISV software including CommVault, Veeam and Veritas
- Uses include saving project files for content delivery, archive, insurance compliance or video daily delivery

Disk Applications

- Use of XstreamCORE with JBOD storage and software-defined storage applications provide a high performance, disaggregated storage solution with lower cost benefits than Enterprise storage
- Remotely connects SAS storage over 40Gb Ethernet
- Disaggregates compute from storage to scale both independently
- ATTO xCORE hardware acceleration is software-free providing up to 6.0GB/s low latency performance

Lenovo ThinkStation Workstations



ATTO FastFrame NQ42
40GbE iSCSI / iSER

Blackmagic Design
DaVinci Resolve 15



Lenovo ThinkVision
4K Monitor



ATTO XstreamCORE ET 8200



SAS JBOD



Spectra T950 LTO-8 Tape Library

Ethernet
SAS/SATA



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ATTO XtreamCORE® Fibre Channel and Ethernet Storage Controllers

Product Features	8200	7600	7550	7500
Part Number	XCE-8200-002	XFC-7600-002	XFC-7550-004	XFC-7500-002
Max Sustained Transfer Rate	6000 MB/s (ISER)	6400 MB/s	6400 MB/s	3200 MB/s
4K IOPS	1,100,000	1,200,000	1,200,000	750,000
Input Connectors	(2) 40Gb Ethernet (QSFP+ (ISER / iSCSI support))	(2) 32Gb Fibre Channel SFP+	(4) 16Gb Fibre Channel SFP+	(2) 16Gb Fibre Channel SFP+
Output Connectors	(4) 12Gb HD Mini SAS (x4) SFF-8644	(4) 12Gb HD Mini SAS (x4) SFF-8644	(4) 12Gb HD Mini SAS (x4) SFF-8644	(4) 12Gb HD Mini SAS (x4) SFF-8644
Management Ports	RS-232/RJ45/USB	RS-232/RJ45	RS-232/RJ45	RS-232/RJ45
In Band/Out of Band Management	Yes	Yes	Yes	Yes
xCORE Data Acceleration	Yes	Yes	Yes	Yes
eCORE Offload	Yes	Yes	Yes	Yes
Data Mover Support	Yes	Yes	Yes	Yes
Devices supported	Up to 240 (960 OEM)	Up to 240 (960 OEM)	Up to 240 (960 OEM)	Up to 240 (960 OEM)
Active Initiator Support	64	64	64	64
Event Log Protection	NVRAM	NVRAM	NVRAM	NVRAM
Expander/Port Multiplier support	Yes	Yes	Yes	Yes
Form Factor	1U Rackmount	1U Rackmount	1U Rackmount	1U Rackmount
Power Supplies	2 Hot-Swap	2 Hot-Swap	2 Hot-Swap	2 Hot-Swap
Disk Support	Yes	Yes	Yes	Yes
Tape Support	Yes	Yes	Yes	Yes
Warranty	2 year	2 year	2 year	2 year

Compatible cables and accessories available.