



The Power Behind the Storage

ATTO XstreamCORE™ Differentiators	Customer Benefits
<b>Adds SAN Connectivity and Advanced Management for DAS Storage</b>	<ul style="list-style-type: none"> <li>• Extends distance from clients to storage allowing DAS tape and disk devices to be centrally located for easier management, maintenance and cooling</li> <li>• Allows client workstations and servers to have high-performance, direct networked</li> </ul>
<b>xCORE Data Acceleration</b>	<ul style="list-style-type: none"> <li>• Multiple parallel I/O acceleration engines</li> <li>• End-to-end I/O processing and error detection</li> <li>• Hardware buffer allocation management</li> <li>• Real-time performance and latency analytics</li> </ul>
<b>eCORE Control Engine</b>	<ul style="list-style-type: none"> <li>• Adds common, open storage services</li> <li>• Reservation, storage routing and host zoning functions</li> <li>• Manages traffic for data mover functions</li> <li>• Error handling and debug functions</li> </ul>
<b>Data Center Ready</b>	<ul style="list-style-type: none"> <li>• Over 25,000 units installed in worldwide data centers</li> <li>• Cooling flow is front to rear to integrate with cooling systems which expel heat from the data center</li> <li>• Complies with international disposal and battery shipping regulations by eliminating the need for onboard batteries</li> <li>• Complies with international RoHS requirements</li> </ul>



### PRODUCT DIMENSIONS

- Height 1.735" - Length 9.90" - Width 17.31"
- Weight 9.7 pounds (unboxed) 12.9 pounds (boxed)

### OPERATING ENVIRONMENT

#### CONTROLLER OPERATION:

- Temperature 5 to 40° C at 10,000 feet
- Humidity 10 to 95% non-condensing

#### CONTROLLER STORAGE:

- Temperature -40° to 70° C
- Humidity 5 to 95% non-condensing

### POWER AND AIRFLOW

- Input 85-264 VAC, 0.5A, 47-63 Hz
- 11 CFM (Ambient Air not to exceed 40° C)
- Front to rear cooling

### AGENCY APPROVALS AND COMPLIANCE

#### SAFETY:

- EN 60950, CSA 60950, CB IEC 60950-1, UL 60950, BSMI

#### ELECTROMAGNETIC COMPATIBILITY (EMC):

- FCC Part 15 Class A, CE, VCCI, AS/NZS, CISPR
- 22, EN55022: 2006, Class A, EN55024, EN61000
- RoHS Compliant 2011/65/EU
- Battery-free design

ATTO XstreamCORE™	FC 7500
<b>Input Connectors</b>	(2) 16Gb Fibre Channel (SFP+)
<b>Output Connectors</b>	(4) 12Gb mini-SAS HD (x4)
<b>Architecture Latency</b>	< 4 microseconds
<b>Initiators</b>	Up to 64 supported
<b>SAS/SATA disks supported</b>	Up to 240 per controller
<b>Form Factor</b>	1U rackmount
<b>Power Supplies</b>	2
<b>Power Supply Type</b>	Hot Swap
<b>Product SKU</b>	XCFC-7500-002

ATTO XstreamCORE™	FC 7550
<b>Input Connectors</b>	(4) 16Gb Fibre Channel (SFP+)
<b>Output Connectors</b>	(4) 12Gb mini-SAS HD (x4)
<b>Architecture Latency</b>	< 4 microseconds
<b>Initiators</b>	Up to 64 supported
<b>SAS/SATA disks supported</b>	Up to 960 per controller
<b>SSDs Supported</b>	384
<b>Form Factor</b>	1U rackmount
<b>Power Supplies</b>	2
<b>Power Supply Type</b>	Hot Swap
<b>Product SKU</b>	XCFC-7550-004

ATTO XstreamCORE™	ET 8200
<b>Input Connectors</b>	(2) 40Gb Ethernet
<b>Output Connectors</b>	(4) 12Gb mini-SAS HD (x4)
<b>Architecture Latency</b>	< 4 microseconds
<b>Initiators</b>	Up to 1000 supported
<b>SAS/SATA disks supported</b>	Up to 960 per controller
<b>Memory Type</b>	ECC
<b>Form Factor</b>	1U rackmount
<b>Power Supplies</b>	2
<b>Power Supply Type</b>	Hot Swap
<b>40Gb Product SKU</b>	XCET-8200-002

The Power Behind the Storage | [atto.com](http://atto.com) | +1.716.691.1999



The Power Behind the Storage

# Convert Direct Attached Storage to a SAN using ATTO XstreamCORE™ 7500/7550

ATTO XstreamCORE™ storage controllers provide a high-performance, modular platform designed to create shared storage pools for VMware® hosted applications.

## Solution Benefits

- **Maximize ROI** by repurposing existing stranded SAS storage and creating shared storage pools
- **Scale up** with modular platform that lets you build a high-performance computing, clustered and virtualized infrastructure.
- **Increase productivity** with the world's fastest storage solution providing 1.2M IOPS and 6.4GB/s dual controllers throughput
- **Optimize infrastructure performance** and latency with ATTO exclusive real-time analytics tools including vConfig Tool™ and Latency Scout™



The Power Behind the Storage | [atto.com](http://atto.com) | +1.716.691.1999