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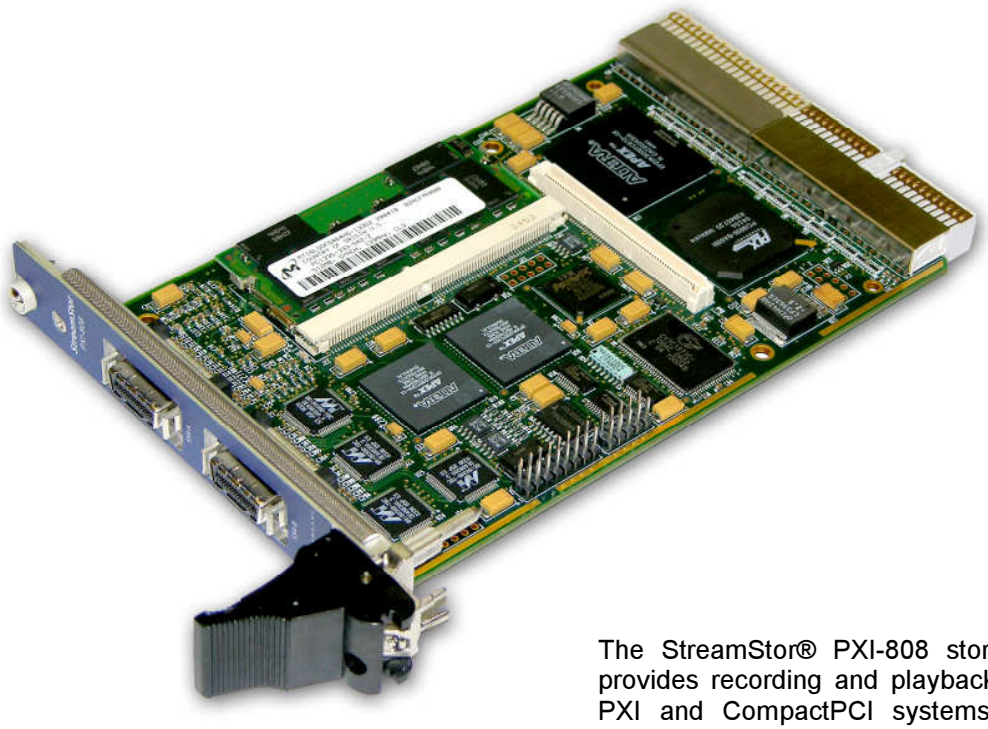
Find the *Conduant StreamStor PXI-808* at our website: *Click HERE*

CONDUANT

The high-speed disk recording and playback experts

StreamStor®

StreamStor® PXI-808 Storage Controller



- ***Capacity from 1 TB to 8 TB***
- ***Dual SS4 SATA x4 interface***
- ***Sustained recording and playback at 200MB/s***
- ***PXI (CompactPCI) 64-bit 66 MHz bus interface***
- ***Compact 3U card size***
- ***512 MB Memory buffer***
- ***Record card-to-card from PXI or CompactPCI data acquisition cards***
- ***Scatter/gather DMA to/from host memory***

The StreamStor® PXI-808 storage controller provides recording and playback capability for PXI and CompactPCI systems at 200MB/s. Dual SS4 SATA x4 connectors allow connection to external storage such as the Conduant line of Big River™ Storage Units (i.e., such as the Big River DM4, DM4E, or DM-425-3U Storage Units) or up to eight individual SATA disk drives. By providing an external connection for disk storage, the PXI-808 allows high speed recording and playback applications to be designed around standard PXI chassis systems. Supporting capacities of up to 8 TB (using 1 TB disk drives), the PXI-808 can provide hours of capacity for PXI recording or playback applications. The PXI-808 supports streaming applications such as:

- Digital Signal Processing (DSP)
- High speed data acquisition
- Radar and sonar
- Medical imaging
- Telemetry
- Satellite download
- High resolution video
- Waveform generation

The PXI-808 is a 3U PXI (CompactPCI) card and can be installed in nearly any standard PXI or ComapctPCI chassis (3U or 6U). The PXI-808 supports most of the StreamStor® functionality including circular recording (wrap mode) and direct recording from PCI sources.

www.conduant.com

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StreamStor® PXI-808 Storage Controller

Specifications	
Maximum capacity	8 TB (Using 8 1-TB drives)
Maximum data Rate	200 MB/s
Duration (200 MB/s)	11 hours (200 MB/s using 8TB)
Drive interfaces	2 SATA x4
Bus interface	64-bit 66 MHz PXI (CompactPCI)
External drive interface	StreamStor® SS4 (Inifiniband x4 latch)
Form factor	PXI 3U
Power	3.3V @ 2.5A (8.25W)
Scatter/gather aupport	Yes
Onboard memory buffer	512 MB

Available Conduant Big River™ Data Storage Units that can be paired with the PXI-808:



DM4 Storage Unit



DM4E Storage Unit



DM-425-3U Storage Unit

External Storage

The PXI-808 supports external drive connections using 2 SS4 connectors, which support up to 4 SATA disk drives on each connector. Either the Big Rive™ DM4, DM4E, or DM-425-3U Storage Unit (where each storage unit contains four internal SATA disk drives) can be directly connected to this interface. Cables are also available to provide four individual SATA signal connectors for direct attachment to the disk drives.

Warranty

Conduant hardware products are backed by a limited one year warranty. All software includes a 90 day warranty. Maintenance and priority support is available on a yearly subscription basis. Please contact your Conduant sales representative for more details.

Customer Support

Customer support is provided through a comprehensive web portal at www.conduant.com/support. Private logins and trouble ticket management are provided along with technical downloads, knowledge base and other support tools.

Ordering Information

PXI-808 ..... Part number: 400300060

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