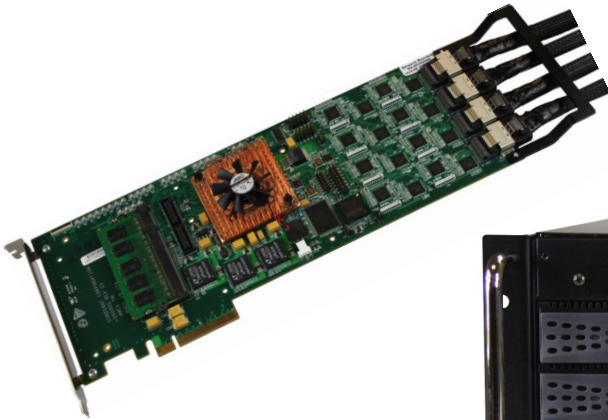


NTX16 PCI Express Recorder



- **Peer-to-peer PCI Express recording and playback capability**
- **Performance independent of host load**
- **Standalone capable operation with network command/control**
- **Sustained recording and playback at up to 800 MB/s**
- **Front or Rear PCI Express cabling option**
- **4U chassis at only 19" deep**
- **Scalable data storage capacities up to 32TB**
- **Solid-state or magnetic disk drive media**
- **Cabled PCI Express (x8) for full speed data access**
- **External IO interfaces including Optical or Copper High Speed Serial and LVDS**

The Big River™ NTX16 recording system provides up to 800 MB/s recording and playback performance in a shallow depth 4U rack mount chassis. At only a little over 20" in depth, the NTX16 provides exceptional performance and capacity for recording and playback applications.

The system can operate independently from a host computer with command/control performed over a network connection. Control can be automated from a software application using the StreamStor® software API from a network connected computer. A cabled PCI Express interface provides high speed connectivity to a host computer for command/control or data access. Cabled PCI Express can be used to connect to nearly any computing architecture such as PCI Express, XMC, VME, VPX, VXS, AMC or other mezzanine / backplane environments. Solutions are even available for connection to notebook computers.

Based on the StreamStor® Amazon Express architecture, the NTX16 supports several interface mezzanine cards, Optical or Copper High Speed Serial, and LVDS. Protocols include Serial FPDP, 10GigE, LVDS and Serial-Lite II.

NTX16

PCI Express Recorder

Specifications	
Maximum data rate	Up to 800 MB/s sustained
Maximum capacity	32 TB (Using 16-2TB hard disk drives)
Internal drive interfaces	SATA through 4 Mini-SAS connectors
Drive type	3.5" SATA hard disk or solid-state drives
Duration	Over 11 hours at a data rate of 800 MB/s
External data streaming protocols	Serial FPDP, SerialLite II, PCI Express, LVDS, 10GigE
Control interface	10/100 Ethernet
Control/data access interface	8 or 4 Lane cabled PCI Express
Dimensions	4U Rackmount 19" (D) x 17" (W) x 7" (H)
Weight	75 lbs (34 kg)
Power supply	400W Redundant Power Supply
Operating temperature	0° to 35° C
Options	19" rack mount slide rails; Front or rear interface cabling

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.

Please contact your Conduant sales representative for more details about the Big River™ NTX16 PCI Express Recording System.

All information in this datasheet is preliminary and subject to change.

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