

LTX2 Portable Recorder



- **Stand-alone operation with network command / control**
- **Embedded Web Server for browser based remote control**
- **Sustained recording and playback at up to 500* MB/s**
- **1U Chassis at less than 16" deep**
- **Scalable Data Storage Capacities over 5TB**
- **Solid-state or hard drive (notebook) media**
- **PCI Bridging for full speed data access using Star Fabric interface**
- **Multiple external interfaces available including FPDP, FPDP2, Serial FPDP, LVDS and Camera Link**
- **12VDC Power (AC adapter available)**

The Big River™ LTX2 recording system provides up to 500* Mbytes/sec recording and playback performance in a space and power efficient package. At only a little over 15" in width and depth and 1.7" tall, the LTX2 provides exceptional performance and capacity for mobile or portable recording and playback applications.

The system can operate independently from a host computer with command/control performed over a network connection or using a web browser connecting to the internal web server. Control can also be automated from a software application using the StreamStor® software API from a network connected computer. A Star Fabric interface provides bridged PCI connectivity to a host computer for command control or data access. Star Fabric interface boards are available for PCI, PMC or CardBus for PC, CompactPCI, VME or Notebook computer environments.

Based on the StreamStor Amazon architecture, the LTX2 supports all of the same external interface mezzanine cards as the Amazon platform. This includes Serial FPDP, FPDP/FPDP2, LVDS and Camera Link.

* Achieving a data rate of 500 MB/s with a Big River LTX2 Portable Recorder is dependent upon the external interface that is used for recording or playing back data.

LTX2

Portable Recorder

Specifications	
Maximum Data Rate	500* Mbytes/sec sustained
Maximum Capacity	5.1 TB (Using 16-320GB hard disk drives)
Internal Drive Interfaces	SATA
Drive Type	2.5" SATA Hard Disk or Solid State Drives
Duration	Over 2 Hrs at a data rate of 500 Mbytes/s
External Data Streaming Interface	FPDP, FPDP2, Serial FPDP, PCI, LVDS, Camera Link
Control Interface	10/100 Ethernet
Control / Data Access Interface	Star Fabric (PCI, PMC or Cardbus available)
Dimensions	1U 15.25" (D) x 15.5" (W) x 1.75" (H)
Weight	~15 lbs
Power Supply	12VDC Power (AC Adapter available)
Operating temp	0° to 35° C
Options	19" Rack Mount Slide Rails

* Achieving a data rate of either 500 MB/s with a Big River LTX2 Portable Recorder is dependent upon the external interface that is used for recording or playing back data.

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 LTX2 Portable Digital Recording System.