LTX3
Portable Recorder
Powered by StreamStor ®
Amazon Express

- *Compact data recorder based on StreamStor® Amazon Express*

- *Sustained recording and playback at up to 800 MB/s*

- *Standalone operation via Ethernet or host system command/control*

- *1U chassis - 20" deep, 17" wide*

- *Scalable data storage capacities to 16 TB*

- *Solid-state or hard drive (notebook) media*

- *Front Panel OLED Status Display*

- *8 lane Cabled PCIe interface*

- *Multi-source PCI Express recording Capability*

- *Up to 4 external input channels*

- *Multiple external interfaces available including Serial FPDP, LVDS, Serial-Lite II, 10GigE*

- *100-240VAC internal power supply*

The Big River™ LTX3 recording system provides up to 800 MB/s recording and playback performance in a compact, power efficient package. At 17" in width and 20" in depth and 1.75" tall, the LTX3 provides a new level of exceptional performance and capacity for mobile, portable or space constrained recording and playback applications.

The system can operate independently from a host computer with command/control performed over a network connection. Control can also be automated from a software application using the StreamStor® software API from a network connected computer. Cabled PCIe provides connectivity to a host computer for command/control and/or data access.

When configured with Solid State Drives, the system provides a robust platform with shock and vibration tolerance. The drive shelf is isolated from the chassis and unique wedge locks secure each drive.

The Front panel status display provides key operational parameters including drive status, temperature conditions and possible error conditions

Based on the StreamStor® Amazon Express architecture, the LTX3 supports all of the same external interface mezzanine cards as the Amazon Express platform. This includes Serial FPDP, LVDS and 10GigE.

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Specifications	
Maximum data rate	800 MB/s sustained
Maximum capacity	16TB (Using 16-1TB hard disk drives)
Internal drive interfaces	SATA
Drive type	2.5" SATA hard disk or solid-state drives
Duration	Over 5 hours at a data rate of 800 MB/s
External data streaming interface	Serial FPDP, PCIe, LVDS, 10 GigE, SerialLiteII
Control interface	10/100 Ethernet
Control/data access interface	1, 4, 8 lane Cabled PCI Express
Dimensions	1U 20.00" (D) x 17.00" (W) x 1.75" (H)
Weight	~25 lbs
Power supply	Internal 100-240VAC 50/60 Hz (.8A@120V)
Operating temperature	5° to 40° C
Options	19" rack mount slide rails. 12V DC Input

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™ LTX3 Portable Digital Recording System.

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