

LTXe

PCI Express Storage Array



(Cover removed)

PCI Express Storage Array

Dedicated hardware RAID controller

RAID 0, 1, 5, 6, 10, 50, 60 support

Supports up to 16 2.5" SATA Drives

Broad OS Support: Windows & Linux

**Transfer rate over 4000 MB/sec (with
128k blocks, SSD and RAID 0)**

Over 500k IOPS RAID0 (4k/SSD)

**PCI Express cabled 8 Lane Gen 2
interface**

1U chassis at only 20" deep

Rack-mount or tabletop installation

**Temperature and voltage monitoring with
OLED display and alarm.**

**Scalable data storage capacities up to
32TB (SSD or HDD)**

The LTXe is a general purpose storage array in a shallow depth 1U rack mount chassis. At 20" in depth, the LTXe provides exceptional performance and capacity for a wide variety of high speed data storage applications requiring a greater level of disk drive fault tolerance.

The system can be configured with various storage media in 2.5" form factor rotating disk or SSD.

A cabled PCI Express interface provides high speed connectivity to a host computer using nearly any bus architecture such as PXI Express, PCI Express, XMC, or VPX with an appropriate PCI Express host bus adapter.

The system includes a dedicated hardware RAID controller with 16 SATA hard drives or SSD drives supporting total capacities up to 32TB. The controller supports the most popular RAID configurations including RAID 0, 1 and 5. In the RAID 0 configuration the system can achieve over 4 GB/s* performance while reading or writing depending on storage drive choice and data block size.

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Specifications	
Maximum capacity	32 TB (using 16 x 2TB drives)
Data rate	4000 MB/s*
Drive type	2.5" SATA Mobile HDD or SSD
Drive Interfaces	SATA 6Gb/s
Bus Interface	PCI Express x8 Gen2 (4 GB/s)
Form factor	1U x 20" deep
Power supply	Internal 160W 100-240VAC 50/60Hz
RAID mode support	0,1,5,6,10,50,60
Weight	Approximately 25 lbs
Operating temperature	5° - 35°C

* Estimated using RAID 0, performance will vary due to system load and other factors

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 LTXe product line.

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

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