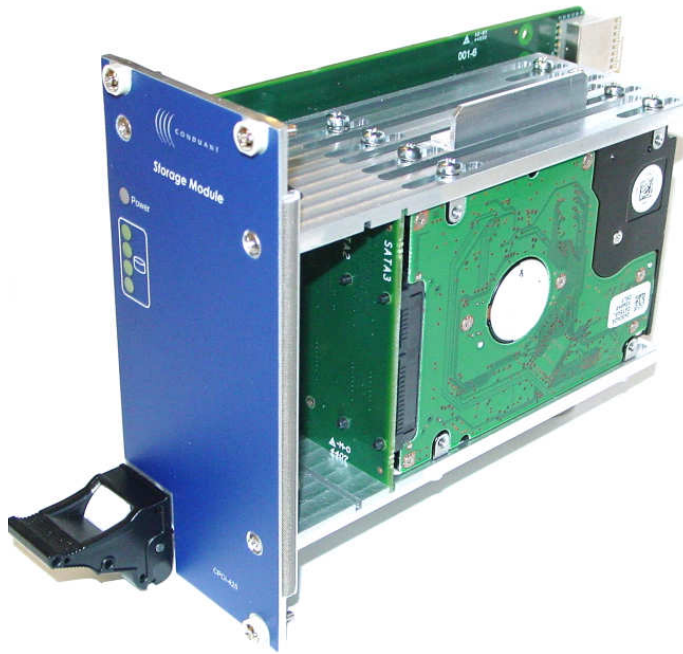


DM-425-3U Storage Unit



- **Capacity up to 1 TB**
- **Onboard PCI Express SATA controller**
- **Compatible with major operating systems**
- **Multilane SATA external connector (optional)**
- **Compatible with PXI, PXIe, CPCI and CPCle**
- **Requires only 3 open slots (12HP)**
- **Software RAID capable**
- **Combine multiple units for additional storage capacity**

The Big River™ DM-425-3U storage unit provides disk storage resources to PXI or CompactPCI (CPCI) systems including PCI Express based systems. By providing an internal enclosure for disk storage, the DM-425-3U allows high-speed storage applications to be designed around a standard PXI/CPCI chassis. With capacities of up to 1 TB in a single unit the DM-425-3U can provide abundant storage capacity in a very small enclosure.

The DM-425-3U can provide hours of recording capacity to PXI/CPCI recording applications when combined with a StreamStor® PXI recording controller.

When ordered with the PCI Express SATA controller, the DM-425-3U integrates with the operating system to provide additional storage capacity in a JBOD or software RAID configuration.

The DM-425-3U is designed for use in a PXI/CPCI 3U chassis with variations available for both PCI Express and PCI-based architectures.

Specifications	
Maximum capacity	1 TB (using 4 - 250 GB 2.5" drives) ²
Maximum data rate	Estimated 240 MB/s ^{1 2}
Internal drive interfaces	4 SATA
Drive type	2.5" notebook or solid-state drives
External interface	Multilane SATA x4 (optional) PCI Express 4 lane (optional)
Dimensions	6.1875" (D) x 2.375" (W) x 5" (H)
Weight (with drives)	2 lbs
SATA controller	Marvell 88SX7042 (optional)
Power	5W
Chassis slots	PXI/CPCI or PXI/CPCI Express 3 slots required (12HP)

1 - Estimated maximum rate with qualified drives. Sustained rates are affected by several factors including CPU load, memory bandwidth, etc.

2 - Capacities are represented in decimal (TB = 1x10⁹ bytes), rates represented in binary (MB = 1,048,576 bytes).

Configurations

The DM-425-3U is available in three configurations. For direct connection as a host storage device, the unit is available with an on-board PCI Express SATA controller. This configuration (Option 001) requires an available CPCI/PXI Express slot as well as two additional open slots directly to the right of the first slot. The other two configurations have no direct connection to the backplane except for power, and provide an external multilane SATA connector on the front panel for connection to a StreamStor[®] disk controller or other SATA disk controller. A version of this configuration is available for both a CPCI/PXI slot or a CPCI/PXI Express slot.

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

Several Big River™ DM-425-3U Data Storage Unit configurations are available upon request. Please contact your Conduant sales representative for more details.