



HDPro

Double Protection, Maximize Performance, Designed for Professionals

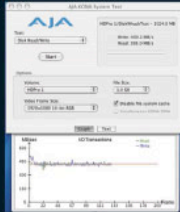
- 8 Drives 2TB, 4TB, 6TB and 8TB
- Supports multi-stream SD, 10-bit, 1080/60i HD and 2K Film workflows
- Supports RAID 0, 1, 5, 6, and JBOD

8 Drives **2TB / 4TB / 6TB / 8TB**

The CalDigit HDPro features SATA 3Gb/s and up to 16MB cache drives for the speed to meet the demands of the most up-to-date video & content editing software. Each 7200-RPM SATA hard drive connects to a dedicated SATA channel to eliminate bottlenecks and maximize the 3Gb/s native SATA connection. With up to PCIe 8-lane interface to the host, each lane can reach up to 250MB/s, this in turn means that as you add drives, the HDPro scales in both capacity and performance. This powerhouse delivers up to 370MB/s in RAID 5, up to 400MB/s in RAID 0.



The HDPro not only provides a sustained data rate, but also has the fastest speed in its class yet! The graphs show how well the HDPro is able to handle a real life scenario. One will obtain great results, sustained speeds, and no dropped frames.



Other RAID storage products in the marketplace can playback 10-bit 1080i uncompressed HD footage, but one will most likely experience frame dropping after just 2-3 minutes of playback. The HDPro is a true editing solution that maintains its data rates during editing and playback without dropping frames!



Compatible with Mac Pro, OS and PC
HDPro - Supports RAID 0, 1, 5, or RAID 6

Everything needed in one package, ready to use with ease of setup and ultimate reliability built right in. Starting at \$3999 for a 2TB system including a CalDigit Controller Card. Each system holds up to 8 drive modules in a rack mount enclosure or tower.

The CalDigit HDPro's unique architecture combines the best in value with the newest technology. The HDPro is compatible with MacPro, OS, Mac OS X Server, Windows, Linux workstations, and other platforms as well.

High Speed, Low Cost, Virtually Unlimited Capacity

The CalDigit HDPro offers the best gigabyte-per-dollar ratio in the world for RAID storage. The HDPro is a high-performance storage solution with capacities from 2.0TB - 8.0TB. At under \$2 per gigabyte including PCI-Card and all accessories - it is a fraction of the cost compared to other products in its class.



Built-in Integrated Intel XScale® core to accelerate RAID engine

With multiple RAID levels support and an integrated Intel XScale® core to accelerate RAID performance, the CalDigit HDPro provides a single solution for professional looking to increase performance and adaptability to storage.



Controller Cache - up to 2GB of 64-bit DDR333 cache memory

Due to HDPro's excellent and high speed data transfer rate, the size of controller cache can act as a bottleneck. For example, the video playback class not keep up with your movements on the timeline, and lag behind. Larger cache also keeps up with you as you edit and buffer the video files. For the critical application, you can increase HDPro controller cache up to 2GB.



Single Vendor Support

The HDPro and RAID utility were all designed and developed by CalDigit. Technical support for these products can be done with a single call.

Price Comparison

Product	CalDigit 4210 6TB	Q-Deck G-Speed 6TB	CalDigit HDPro 6TB
MSRP	\$10,999	\$11,999	\$7,999
ATTO FC-42XS	\$1,299	\$1,299	\$0
Total	\$12,298	\$13,298	\$7,999
Dollar Per GB	\$2.05	\$2.28	\$1.33

*Q-Deck is a trademark or registered trademark of QPRIO Inc.
 G-Speed is a trademark or registered trademark of G-Technology Inc.
 Comparisons were based on manufacturer MSRP pricing, March 2007.

Each HDPro holds up to 8 drive modules in a Tower or 2U affordable rack-mount package. The swappable functionality of the HDPro allows users to upgrade the drive capacity as needed, while remaining very simple to configure and set up. There is no capacity limitation to any single chassis.

Safe, Reliable storage

When you need large storage for your HD projects, large media files, database, photos, and/or images - the HDPro is your best storage solution. With single parity in RAID 5 mode, the HDPro features an advanced distributed parity algorithm. This accesses data and parity blocks across all drives in the disk array. To improve the write and read performance, RAID 5 removes the limitation that the dedicated parity drive represents in RAID 5. When configured in RAID 6 mode, fault tolerance is maintained by the world class CalDigit RAID engine ensuring that the parity information for any given block of data is placed on TWO drives separate from those used to store the data itself. Such double protection is to protect your valuable data even if two drives fail.

Offering RAID 0, 1, 5, or 6, you will have a safe and reliable solution all in one package warranted for 3 years by CalDigit Inc.

24 / 7 / 365

24 hours a day / 7 days a week / 365 days a year, the CalDigit HDPro is designed for nonstop operation with uninterrupted access to your critical data. All active components are modular design and can be replaced quickly with a minimum amount of downtime.

The HDPro uses load-balancing power management to spread the workload between two power supplies for optimal power consumption. The load balancing method manages the selection of an appropriate power supply. This enables the HDPro to continue working in the event of one power supply failure.



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