

Press Contact:
Trish Buendia
CalDigit Inc
714-572-6668
pr@caldigit.com
For Immediate Release

CalDigit Now Shipping the HDPro 8 bay RAID Tower Solution

July, 30, 2007 Placentia, CA CalDigit, a leader in storage is now shipping the HDPro Tower & Rack Mount 8 bay HDPro RAID storage solution.

With capacities from 2.0TB up to 8.0TB, the HDPro has industry breakthrough PCI Express direct attach as a storage interface that connects the host and RAID controller at up to 20Gbps and eliminates the bottleneck of traditional storage interface and need of additional expensive host adapter. When you have a need for large storage for your HD projects, or large media files, database, photos, images, the HDPro is your storage solution. Offering RAID 0, 1, 5, 6 with the HDPro you'll have safe and reliable operation all in one package, warranted for 3 years by a leader in HD storage, CalDigit Inc.

Prices start at \$3999 for a 2TB system which includes a CalDigit Controller Card.

"With the overwhelming success of the field - proven HDPro Rack Mount version, we're very pleased to announce the much anticipated HDPro Tower is now shipping", said Jon Schilling, Account Manager of CalDigit Inc.

The CalDigit HDPro's unique architecture combines the best in value with the newest technology. The HDPro works with MacPro, G5, Mac OS X Server, Windows, and Linux workstations as well as other platforms.

Configures RAID 0, 1, 5, 6 with Single Hardware RAID Controller

The HDPro offers flexible RAID configuration options, enabling users to configure for maximum performance, maximum assurance for critical data security (double parity RAID 6) or maximum capacity (RAID 0). With single parity in RAID 5 mode, the HDPro features an advanced distributed parity algorithm, accessing data and parity blocks across all the drives in the disk array, this removes the limitation that the dedicated parity drive represents in RAID 3, improving write and read performance in RAID 5, HDPro can rebuild itself in the event of one drive failing. 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.

Single Hardware RAID controller prevents data loss by software striping.

Most SCSI and FC RAID rely on software striping to obtain the required data rate to edit and capture uncompressed 10 bit HD even those RAID storage have hardware RAID controllers inside. The HDPro configures all 8 hard drives with a single RAID controller and offers plenty of speed for uncompressed HD or 2K footage

Up to 400MB/s. Ultra-fast Sustained data rate.

With the latest fast RAID processor and CalDigit's proprietary cache control technology, the HDPro delivers ultra fast sustained data rate for up to 60% of its capacity 400MB/s in RAID 5 and 380MB/s for entire capacity without help of software striping.

An Industry Breakthrough 20Gb/s Interface that leaves SCSI & Fibre Channel Speeds in it's dust

Unlike Fibre Channel, SCSI, FireWire and eSATA RAID storage, the CalDigit HDPro is using a direct connection to the computers bridge chip and memory system combined with high link speeds. This direct link eliminates latency introduced by the conversion of other interfaces and provides superior bandwidth, availability and deployment flexibility over earlier-generation SCSI and Fibre Channel technology.

The CalDigit controller card includes error correction, and adapts to the speed of the slot automatically. The HDPro features up to 20Gb bandwidth for ultra-fast data transport between the storage system and the host computer. You get both superb speeds and reliable bandwidth for high-speed data transfer.

The Hefty Cache keeps pumping the data without taking a breath

Because of HDPro's sustained and high speed data transfer rate, the size of controller cache can act as a bottleneck. For example, the video playback does not keep up with your movements on the timeline, and lag behind. Larger cache size 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.

Editing on the Go

Many RAID solutions in the marketplace can only be used on your desktop workstation. Because the RAID processor is in the HDPro, the HDPro in combination with the ExpressCard frees you from your studio for editing on the go. This also means that the external RAID storage for your laptop is no longer limited to FireWire and USB connectivities.

The CalDigit ExpressCard easily plugs your HDPro into your MacBook Pro, or PC laptop, and enables you to edit DVCProHD, DVCAM, HDV, uncompressed SD and up to 10 bit uncompressed HD.

See the HDPro at IBC

The HDPro will be featured at the CalDigit's booth # 7.129 at IBC in Amsterdam in September 7-11th of 2007. CalDigit will also be the exclusive storage provider for

Matrox at their booth # 7.228 at the IBC show and CalDigit products will also be in several other locations at the show.

Demo video files are available which contain more information on this fast and reliable product at www.caldigit.com/hdpro.asp

CalDigit Inc is a leading manufacturer of affordable, quality SATA II 3Gb/s RAID products.
CalDigit is located in Orange County, California at 1941 Miraloma Avenue,

Suite B, Placentia, CA 92870. For further information, please contact sales@caldigit.com or visit
our website at <http://www.caldigit.com>.