

Curtiss-Wright Introduces 64 GB XMC/PMC Solid State Flash Disk Card

New PBOD Flash Disk Card is Ideal for Environments Too Harsh for Mechanical Hard Disk Drives

LEESBURG, VA – May 16, 2006 -- Curtiss-Wright Controls Embedded Computing, a leading designer and manufacturer of commercial off-the-shelf (COTS) VME, VPX and CompactPCI products, has announced the **PBOD**, a new Flash Disk PMC or XMC card that delivers up to 64 Gbytes of high-speed storage. The PBOD is ideal for applications in harsh environments where extreme temperature, shock or vibration make the use of mechanical hard disk drives impractical. This new high density Flash mezzanine card can function either as “just a bunch of disks” (JBOD) or as a RAID device via software support.

“The PBOD is an excellent small-form factor solution for those customers that require mass storage in extreme environmental conditions,” said Lynn Patterson, vice president and general manager of Curtiss Wright’s Modular Solutions group. “In addition to providing the highest density Flash storage capacity available on a XMC/PMC card, the PBOD also delivers 40MB/s and greater performance, far exceeding competitive offerings.”

The PBOD is supported natively in systems that support USB Flash drives and it appears to the host operating system as up to eight (8) USB Flash drives that can be operated independently at rates over 10 MB/s each. Using RAID software, data rates exceeding 40MB/s can be sustained and the array of Flash drives appears as a single logical drive.

Advanced features of the PBOD include ECC NAND Flash correction to ensure 1 bit per 256 correction and 2 bit error detection. In addition, the life of the drive is significantly extended through use of wear leveling technology, which ensures that program/erase cycles are distributed across the media, eliminating premature device failure resulting from frequent erase cycles on the same Flash memory block.

Performance Features

- PMC or XMC NAND Flash Storage
- Large Capacity
 - Up to 64 Gbytes
- High Performance
 - Up to 10 Mbytes/s per drive

- Software support for multiple RAID levels
- Over 40 Mbytes/s aggregate performance
- Appears as up to eight (8) USB Flash drives or one (1) logical RAID drive
- Industry standard ECC NAND Flash correction
 - 1 bit per 256 correction
 - 2 bit error detection
- Industry standard (SmartMedia) page management for wear leveling algorithm, bad block handling, and Physical-to-Logical management
- PMC 32-bit, 33/66 MHz or XMC 1 lane PCI Express
- Hardware Write Protect
- Hardware Flash Destruct optional for secure applications
- Available in Air and Conduction-Cooled versions

The PBOD is offered in L0, L50, and L100 air cooled configurations and L100 and L200 conduction-cooled ruggedized levels.

The PBOD is available in 8-, 16-, 24-, 32- and 64-Gbyte configurations. Pricing for the PBOD is expected to start at under \$2,500 US in volume for the 8 Gbyte version. Availability is Summer, 2006.

For editorial information regarding Curtiss-Wright Controls Embedded Computing products or services, contact John Wranovics, Director of Public Relations, Curtiss-Wright, Tel: (510) 531-6500; Fax: (510) 530-8563; email: jwranovics@curtisswright.com. Web site: www.cwcembedded.com.

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About Curtiss-Wright Controls Embedded Computing

Curtiss-Wright Controls Embedded Computing is the industry's most comprehensive and experienced single source for embedded solutions, ranging from Processing, Subsystems, Data Communication, DSP, and Video & Graphics to the most advanced board level components and fully integrated custom systems. The Embedded Computing group serves the defense, aerospace, commercial and industrial markets and is part of Curtiss-Wright Controls Inc. For more information about Curtiss-Wright visit www.cwcembedded.com.

About Curtiss-Wright Controls, Inc.

Headquartered in Charlotte, North Carolina, Curtiss-Wright Controls is the motion control segment of Curtiss-Wright Corporation (NYSE: CW, CW.B). With manufacturing facilities around the world, Curtiss-Wright Controls is a leading technology-based organization providing niche motion control products,

subsystems and services internationally for the aerospace and defense markets. For more information, visit www.cwcontrols.com.

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