



FOR IMMEDIATE RELEASE

## **DRC Computer and Mitronics Form Strategic Partnership to Deliver Affordable Acceleration for Compute-Intensive Applications**

*DRC and Mitronics Bring Supercomputing Performance to New Markets*

**Sunnyvale, CA, November 12, 2007**—DRC Computer Corporation, the leading provider of dynamically reconfigurable coprocessor modules, today announced a strategic partnership with Mitronics™ AB, developer of the Mitrion™ Software Acceleration Platform and the Mitrion Virtual Processor. Together, DRC Computer and Mitronics provide FPGA-based accelerated processing capabilities critical for compute-intensive applications.

“We are delighted to announce our partnership with Mitronics, a recognized leader in application specific C to Field Programmable Gate Array (FPGA) design tools,” said Larry Laurich, president and CEO of DRC Computer. “With complimentary technologies, we can deliver the most affordable and energy-efficient supercomputing power to scientists and developers in markets such as bioinformatics, oil and gas, and finance.”

With an independent memory controller with greater memory bandwidth for maximum data flow, the DRC Reconfigurable Processor Unit (RPU) incorporates the largest FPGA available to deliver the greatest usable logic capacity for improved code efficiency and accelerated computing. The DRC RPU will support the Mitronics C to FPGA development platform, which enables FPGAs to be programmed more easily and faster than ever before, to further enable the acceleration of high-performance applications.

“Together with DRC Computer, we have developed an effective solution that makes FPGA accelerated computing accessible to a wide range of new users,” said Mike Calise, executive vice president and US general manager of Mitrionics. “Our partnership with DRC is a key response to the growing need of the HPC community for a fully-integrated stack for reconfigurable computing.”

“As a leader in the advancement of accelerated computing on mainstream platforms, AMD is pleased to see DRC Computer and Mitrionics jointly partnered to access greater markets and industry segments with their respective technologies,” said Douglas O’Flaherty, division manager for Acceleration Strategies at AMD. “Leveraging their relevant expertise, DRC and Mitrionics can together deliver solutions on an industry-standard x86 platform to meet the needs of the HPC community.”

The DRC RPU module plugs directly into an open processor socket in a multi-way AMD Opteron™ processor-based system to provide direct access to adjacent double data-rate (DDR) memory and AMD Opteron processors with HyperTransport™ technology-based I/O speed and nanosecond latency. This tight coupling between the central processing unit (CPU) and memory helps diminish bandwidth and latency issues and provides a general-purpose system with supercomputer capability by running computations in hardware. Resulting speeds can be 10 to 20 times faster than if the subroutines were run in software. In addition, the RPU110-L200 is inherently efficient, requiring less power and space and reducing the number of nodes required to do the same work.

### **About Mitrionics**

Founded in 2001, Mitrionics, Inc. is the technology leader in the exciting new field of FPGA Supercomputing which provides higher processing power and lower energy consumption than clusters of computer systems. The company’s Mitrion Virtual Processor and Mitrion Software Development Kit provide cost effective FPGA Supercomputing power to organizations for their most critical applications in areas such as Bioinformatics, Financial Computing, Managed Security and Text Search. The software-centric Mitrion Platform is unique from any other FPGA programming solution, because it eliminates the need for circuit

design skills, thus making FPGA Supercomputing performance accessible to an entire new market of scientists and developers. Mitronics has key industry relationships with Cray, Nallatech, and Silicon Graphics. For more information, visit the company Web site at [www.mitronics.com](http://www.mitronics.com).

### **About DRC Computer Corporation**

DRC Computer Corporation is the leading provider of dynamically reconfigurable coprocessor modules that plug directly into server or workstation processor sockets. With the DRC Reconfigurable Processor Unit (RPU) and DRC Development Systems, DRC addresses the HPC industry's growing physical limitations of compute power, heat, clock speed, and density. Founded in 2004, DRC is headquartered in Sunnyvale, California. The company has received funding from TopSpin Partners and Capital Valley Ventures. For more information, visit [www.drccomputer.com](http://www.drccomputer.com).

*Mitronics, Mitrion, Mitrion Platform, Mitrion Virtual Processor, and Mitrion Software Development Kit are trademarks of Mitronics AB.*

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