



DIAMOND SYSTEMS CORPORATION

For Immediate Release

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NEW MEMBERS ADDED TO POPULAR HERCULES II EBX SINGLE BOARD COMPUTER FAMILY

Diamond Systems' new enhanced temperature versions of its popular Hercules II EBX single board computer (SBC) family offers the same features at reduced prices

July 29, 2008. San Jose, CA. Diamond Systems Corporation, a leading supplier of small form factor embedded computing solutions, today announced four new members of its popular Hercules II EBX single board computer family. The new HRC800-5N512 model offers 512MB of RAM and no data acquisition. Three new Hercules II models are available with an enhanced temperature range of -20°C to 70°C as compared to the extended operating temperature range of -40°C to 85°C on the current Hercules II products, and offer the same full breadth of functionality as the current models, including on-board data acquisition, digital I/O, power supply and soldered RAM.

“Our new Hercules II SBCs offer customers a choice of temperature specs and provide a highly cost competitive, lower priced solution for those whose applications do not require the full extended operating temperature range of -40°C to 85°C,” said Jonathan Miller, President of Diamond Systems. “We are excited to offer our customers a broader set of price/performance options allowing them to select the best model to fit their needs.”

About Hercules II

Hercules II is a high performance, EBX form factor (5.75" x 8" or 146mm x 203mm) single board computer integrating a Pentium III-level CPU with data acquisition and a DC/DC power supply on a single board. Hercules II uses a highly integrated, low power 800MHz VIA Mark CoreFusion™ processor with either 256MB or 512MB RAM and a broad set of system I/O including 10/100BaseT Ethernet, 4 RS232 ports (two with RS422/485 capability), 4 USB 1.1 ports or 4 USB 2.0 ports, dual IDE controllers (with

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IDE FlashDisk capability), PS/2 keyboard / mouse, an advanced 2D / 3D video controller supporting both CRT and LVDS flat panel displays and AC '97 audio with amplified speaker output.

Hercules II data acquisition section includes 32 16-bit analog inputs with a 250KHz sample rate and a 2K-sample FIFO along with 4 12-bit analog output channels. Autocalibration on both A/D and D/A ensures maximum accuracy over time and temperature. Hercules II also includes 40 digital I/O lines with programmable direction, as well as two counter / timers.

The new Hercules II models are available immediately both with and without data acquisition. For models with data acquisition, prices start under \$800 in small quantities. Without data acquisition, prices start at \$500. Volume discounts are available.

About Diamond Systems

Founded in 1989, Diamond Systems was an early adopter of PC/104 technology and today is one of the leading worldwide suppliers of PC/104 I/O modules and highly integrated single board computers combining CPU and data acquisition on a single board. Diamond Systems' extensive product line includes A/D, D/A, digital I/O, serial communications, multifunction networking, and power supply modules as well as single board computers and enclosures. Diamond Systems also offers a full range of system solutions, including the capability to customize a board or system to meet the needs of a particular application. Privately held, Diamond Systems is based in Mountain View, California, in the heart of Silicon Valley with its European Headquarters located in Oberglatt, Switzerland.

For more information visit www.diamondsystems.com or call 1-800-36-PC104.

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