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Mercury Computer Systems Launches a New Generation of Ensemble MicroTCA Platform Solutions

TOKYO, Jan 19, 2009 /PRNewswire-FirstCall via COMTEX/ -- Mercury extends its high-performance, small form factor solutions with the MCH2020 MicroTCA Carrier Hub (MCH) and chassis offering.

Mercury Computer Systems, Inc. (NASDAQ: MRCY), a leading provider of high-performance, embedded computing solutions for image, sensor, and signal processing applications, announced availability of the Ensemble™ MCH2020 MicroTCA Carrier Hub and a 12-slot MicroTCA chassis - system components that can be combined with a wide range of current AdvancedMC mezzanine cards (AMCs) to create powerful, small form factor solutions.

"We are excited to be expanding our range of solutions in the fast-growing ATCA/MicroTCA market," said Mark Aslett, President and CEO of Mercury Computer Systems. "Customers in telecommunications and semiconductor manufacturing need to support very high data rates with consistent, low-latency processing power. Our Ensemble ATCA systems do that by combining the RapidIO switch fabric with a broad choice of processing elements. Now customers can use the same system architecture in a MicroTCA solution and achieve impressive levels of performance in a smaller, very cost-effective form factor."

The announcement was made in Tokyo, where Mercury has had significant success with its family of ATCA/MicroTCA products. "Mercury and our business partners are working together to help a number of Japanese customers address significant real-time computing challenges," said Ken Kimura, Representative Director of Nihon Mercury Computer Systems K. K. "These new MicroTCA platforms expand the range of technology options available to our combined solutions team."

The new Ensemble MCH2020 MicroTCA Carrier Hub provides the control and switching infrastructure for MicroTCA system configurations, with single-module support for three system fabrics: a Gigabit Ethernet base interface, a RapidIO® switch fabric, and an intelligent platform management interface (IPMI). The MCH2020 is the third-generation RapidIO switching module within the Ensemble product family, and it can be readily configured with any combination of Ensemble processing AMCs to create a high-performance, real-time system.

Robust system configurations can be built on the Ensemble MicroTCA Application Platform, a 4U, 19-inch rack-mountable MicroTCA chassis with 12 AMC slots and two switch/hub slots. This chassis supports high-bandwidth backplane communications with a dual-star RapidIO topology. Application developers can use this platform to combine extreme processing density with low-latency, deterministic communications.

For more information and availability on Mercury's comprehensive line of Ensemble solutions, visit www.mc.com/microtca, or contact Mercury at (866) 627-6951 or info@mc.com.

Mercury Computer Systems, Inc. - Where Challenges Drive Innovation™

Mercury Computer Systems (www.mc.com, NASDAQ: MRCY) provides embedded computing systems and software that combine image, signal, and sensor processing with information management for data-intensive applications. With deep expertise in optimizing algorithms and software and in leveraging industry-standard technologies, we work closely with customers to architect comprehensive, purpose-built solutions that capture, process, and present data for defense electronics, homeland security, and other computationally challenging commercial markets. Our dedication to performance excellence and collaborative innovation continues a 25-year history in enabling customers to gain the competitive advantage they need to stay at the forefront of the markets they serve.

Mercury is based in Chelmsford, Massachusetts, and serves customers worldwide through a broad network of direct sales offices, subsidiaries, and distributors.

Forward-Looking Safe Harbor Statement

This press release contains certain forward-looking statements, as that term is defined in the Private Securities Litigation Reform Act of 1995, including those relating to the Ensemble MCH2020 MicroTCA Carrier Hub and the MicroTCA Application Platform. You can identify these statements by our use of the words "may," "will," "should," "plans," "expects," "anticipates," "continue," "estimate," "project," "intend," and similar expressions. These forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those projected or anticipated. Such risks and uncertainties include, but are not limited to, general economic and business conditions, including unforeseen weakness in the

Company's markets, effects of continued geo-political unrest and regional conflicts, competition, changes in technology and methods of marketing, delays in completing engineering and manufacturing programs, changes in customer order patterns, changes in product mix, continued success in technological advances and delivering technological innovations, continued funding of defense programs, the timing of such funding, changes in the U.S. Government's interpretation of federal procurement rules and regulations, market acceptance of the Company's products, shortages in components, production delays due to performance quality issues with outsourced components, inability to fully realize the expected benefits from acquisitions or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, and difficulties in retaining key customers. These risks and uncertainties also include such additional risk factors as are discussed in the Company's filings with the U.S. Securities and Exchange Commission, including its Annual Report on Form 10-K for the fiscal year ended June 30, 2008. The Company cautions readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date made. The Company undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date on which such statement is made.

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