



Mercury Systems Launches 6U OpenVPX Module with Dual NVIDIA Pascal GPUs

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New Ensemble Series GSC6202 Graphics Streaming Compute Module Optimized for Image Processing and Artificial Intelligence

ANDOVER, Mass., Nov. 16, 2017 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ:MRCY) (www.mrcy.com) announced the Ensemble® 6000 Series GSC6202 6U OpenVPX™ general purpose graphics processor unit (GPGPU) module with two NVIDIA® Pascal™ or Maxwell™ architecture GPU processors. The module's immense parallel computing capability is ideal for image processing, artificial intelligence, and computational neural networks in electro-optic/infrared (EO/IR), radar signal processing, and electronic warfare (EW) applications.

The GSC6202 GPGPU module features two NVIDIA Pascal or Maxwell-class GPUs with up to a total of 4096 CUDA® cores and 32 GB memory. The GPUs are connected to a PCI Express Gen 3.0 switch network with dual x16 connections to the backplane. This balanced architecture provides the processing power, memory, and I/O for the most challenging image processing, radar processing, or cognitive and adaptive algorithms for agile threat assessment and response. Mercury's advanced cooling technology standards such as Air Flow-By™ cooling and Liquid Flow-Through cooling enable the use of the fastest GPU chips and PCI Express switches running at full speed even in rugged environments.

"The NVIDIA Pascal GPU architecture significantly expands GPU computing from image and radar processing to neural networks and artificial intelligence," said Shaun McQuaid, Director Product Management. "Many of our customers want to apply deep learning to their sensor processing, and this architecture provides an order of magnitude increase in deep learning performance."

As part of the Ensemble Series pre-integrated solutions, the GSC6202 GPGPU module implements the advanced system management functionality specified in VITA 46.11 using the standard I2C bus and intelligent platform management controller (IPMC) to enable remote monitoring, event management, hardware revision and health status. Mercury's GPGPU modules are the only ones in the embedded industry to include an IPMC in the standard product.

Mercury's Ensemble Series of embedded compute building blocks has the highest performance and the broadest selection available in the industry today. Each open system architecture building block is engineered for best commercial performance and most rugged packaging. The ease of pre-integration makes the Ensemble compute ecosystem the best choice for designers of dense, powerful embedded COTS processing solutions.

For more information on the Ensemble 6000 Series GSC6202 6U OpenVPX GPGPU module, visit www.mrcy.com/GSC6202 or contact Mercury at (866) 627-6951 or info@mrcy.com.

Mercury Systems – Innovation That Matters™

Mercury Systems (NASDAQ:MRCY) is a leading commercial provider of secure sensor and safety-critical processing subsystems. Optimized for customer and mission success, Mercury's solutions power a wide variety of critical defense and intelligence programs. Headquartered in Andover, Mass., Mercury is pioneering a next-generation defense electronics business model specifically designed to meet the industry's current and emerging technology needs. To learn more, visit www.mrcy.com.

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 products and services described herein. You can identify these statements by the use of the words "may," "will," "could," "should," "would," "plans," "expects," "anticipates," "continue," "estimate," "project," "intend," "likely," "forecast," "probable," "potential," 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, continued funding of defense programs, the timing and amounts of such funding, general economic and business conditions, including unforeseen weakness in the Company's markets, effects of continued geopolitical 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, changes in, or in the U.S. Government's interpretation of, federal export control or procurement rules and regulations, market acceptance of the Company's products, shortages in components, production delays or unanticipated expenses due to performance quality issues with outsourced components, inability to fully realize the expected benefits from acquisitions and restructurings, or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, increases in interest rates, changes to export regulations, increases in tax rates, changes to generally accepted accounting principles, difficulties in retaining key employees and customers, unanticipated costs under fixed-price service and system integration engagements, and various other factors beyond our control. 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, 2017. 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.

Contact:

Robert McGrail, Director of Corporate Communications
Mercury Systems, Inc.
+1 978-967-1366 / rmcgrail@mrcy.com

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