New Fanless Rugged Rackmount Servers Tackle High-Performance Computing Challenges on Airborne Platforms

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Innovative design accelerates compute-intensive application performance at high altitudes

ANDOVER, Mass., Sept. 16, 2019 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ: MRCY, www.mrcy.com) today announced the EnterpriseSeries™ RES Aero rugged rackmount server product line that delivers enterprise-class data center-caliber processing to compute-intensive airborne applications. A completely fanless design enables optimal performance at high altitudes, while a specialized power supply is tailored to aircraft requirements.

“Legacy airborne processing systems are expensive, difficult to upgrade, and quickly outdated by newer technologies,” said Scott Orton, Vice President and General Manager of Mercury’s Trusted Mission Solutions group. “By working closely with customers to assess their demanding airborne computing needs, we purpose built our RES Aero product line as a cost-effective and flexible solution that delivers high-performance processing, while eliminating the added risk of moving mechanical parts.”

“Over the last three decades Mercury has successfully designed, tested and delivered a wide range of avionics and mission computing solutions supporting UAV, helicopter, jet and other aircraft deployments,” said Rubin Dhillon, VP Product Management and Marketing. “With our extensive portfolio of field-proven technologies, including microelectronics, small form-factor systems, rackmount servers and DAL-certified OpenVPX™ modules, Mercury is uniquely equipped to address our customers’ immediate and long-term pain points, affordably, reliably and specific to their mission requirements.”

The new RES Aero product offering addresses key challenges for aircraft systems engineers and offers a wide variety of benefits, including:

Improved reliability
A completely fanless, noise-free design increases system longevity and Mean Time Between Failure (MTBF), reducing potential long-term maintenance costs. Fitted to onboard plenum cabinet specifications, RES Aero servers save space and function at high altitudes, even during an unexpected loss of cabin pressure. Systems have been certified to NAVAIR MIL-STD 461 for Electromagnetic Inference (EMI) and multiple military specifications, ensuring uptime and availability in any flight environment. Patented memory stabilization technology prevents disconnect during system shock and vibration. Additional testing and certifications can be made available.

Tailor-made high-speed processing
RES Aero servers are currently deployed on airborne platforms and can be customized to meet specific aircraft computing, security, environmental and space requirements. Only 20” deep, the RES Aero XR5 1U and 2U form-factors accelerate demanding mission-critical workloads with dual Intel® Xeon® processors and weigh 20lbs or less. An array of high-speed I/O and PCIe expansion options offer customers maximum flexibility while a customized power-supply supports unique aircraft voltage requirements such as 270VDC. Front-access power supply I/O and LED indicators simplify maintenance by providing insights into system health and power usage.

Proven Performance
With a 30-year track record in delivering reliable server solutions for defense applications, Mercury’s servers are known for their long life cycles, high performance, environmental resiliency, interoperability, and size, weight, and power (SWaP) optimization. Mercury is the only company that delivers safe, secure, trusted sensor processing subsystems made in the U.S.A.

The RES Aero 1U server is on display this week at the Air Force Association (AFA)’s Air, Space, and Cyber Conference, Booth 126 in National Harbor, MD. For more information on Mercury’s rugged server solutions, visit mrcy.com/fanless or contact Mercury at (866) 627-6951 or info@mrcy.com.

Mercury Systems – Innovation That Matters®

Mercury Systems 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 and follow us on Twitter.

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 fiscal 2020 business performance and beyond and the Company's plans for growth and improvement in profitability and cash flow. 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 any U.S. Federal government shutdown or extended continuing resolution, 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 contractor 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 cyber-security regulations and requirements, changes in tax rates or tax regulations, 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, 2019. 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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A photo accompanying this announcement is available at https://www.globenewswire.com/NewsRoom/AttachmentNg/bb4f199c-46ce-41c7-824c-77b1cad2a439