



Mercury Makes Intel's Newest Data Center-class Xeon Processors Available for Aerospace & Defense Missions with Its Next-Generation Rugged Rack Servers

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ANDOVER, Mass., Jan. 26, 2023 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ: MRCY, www.mrcy.com), a technology company that delivers processing power for the most demanding aerospace and defense missions, today announced its next-generation rugged edge servers, featuring 4th generation Intel® Xeon® Scalable processors—formerly known as Sapphire Rapids—that will accelerate compute-intensive edge workloads and drive faster insights for critical aerospace and defense missions.

Building on decades of heritage in its COTS Rugged Edge Server (RES) rackmount family, Mercury's new RES X08 servers support low-latency PCIe 5.0 fabrics, powerhouse NVIDIA H100 GPUs, 400 Gbps network cards, high-speed DDR5 memory, and versatile Compute Express Link (CXL) expansion in an ultra-rugged, highly configurable chassis. Designed from the ground up to dissipate massive thermal loads created by larger and more powerful components, Mercury's innovative and secure design delivers higher computational performance in a smaller footprint optimized for accelerated workloads in military and industrial applications.

Why it Matters

The proliferation of sensors on aerospace and defense platforms has created a tsunami of data that must be processed and exploited in real-time using sensor fusion, artificial intelligence (AI), and high-performance computing (HPC) technologies to gain a situational awareness advantage. But insights derived are often bottlenecked by outdated computing infrastructure that does not adequately allow data to flow seamlessly between peripheral devices and the CPU. Besides compute and network performance, modern edge servers must also support seamless integration into retrofit platforms, extended lifecycles, manufacturing to high AS9100 quality standards, and validation testing for extreme environmental conditions.

"The RES X08 follows in the lineage of field-proven RES X07 and RES X06 servers that meet the demanding requirements of mission-critical workloads at the edge," said Brian Perry, General Manager of Mercury's Sensor Systems business unit. "Tens of thousands of Mercury rugged servers are currently deployed across U.S. and international defense programs, and Mercury is proud to make the latest commercial Silicon Valley technologies profoundly more accessible to aerospace and defense customers."

RES X08 delivers significant performance improvements over prior-generation technology:

- 50% increased CPU core count
- 6x greater GPU performance
- 50% increased memory bandwidth
- 2x faster PCIe throughput
- 2x faster optical networking
- 1.5x faster NVMe data storage speeds
- 2.5x increase in total compute capability per rack unit
- 15% improved power efficiency

Mercury is now taking orders for pre-production samples. For more information, visit mrcy.com/rackservers or contact Mercury at (866) 627-6951 or info@mrcy.com.

Mercury Systems – Innovation that Matters® by and for People Who Matter

Mercury Systems is a technology company that makes the world a safer, more secure place. We push processing power to the tactical edge, making the latest commercial technologies profoundly more accessible for today's most challenging aerospace and defense missions. From silicon to system scale, Mercury enables customers to accelerate innovation and turn data into decision superiority. Headquartered in Andover, Massachusetts, Mercury employs 2,400 people in 24 locations worldwide. To learn more, visit mrcy.com. (Nasdaq: MRCY)

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 and to business performance in fiscal 2023 and beyond, including our projections for revenue, organic growth, bookings growth, and adjusted EBITDA, our expectations regarding the size of our addressable market, and our 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 epidemics and pandemics such as COVID, effects of any U.S. Federal government shutdown or extended continuing resolution, effects of continued geopolitical unrest and regional conflicts, competition, inflation, 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, changes in, or in the interpretation or enforcement of environmental rules and regulations, market acceptance of the Company's products, shortages in or delays in receiving components, supply chain volatility for critical components such as semiconductors, production delays or unanticipated expenses due to performance quality issues with outsourced components, inability to fully realize the expected benefits from acquisitions, restructurings and value creation initiatives such as 1MPACT, or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, effects of shareholder activism, increases in interest rates, changes to industrial security and cyber-security regulations and requirements,

changes in tax rates or tax regulations, changes to interest rate swaps or other cash flow hedging arrangements, 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 July 1, 2022. 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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