VERSALOGIC CORPORATION

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VersaLogic Corporation

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FOR IMMEDIATE RELEASE

New AI Embedded Solution from VersaLogic

Tualatin, OR – March 11, 2025 – VersaLogic Corp. has announced the development of a very compact embedded AI computer featuring 10 Gigabit Ethernet connectivity. The "Sabertooth AI Connect" is a cutting-edge system that harnesses the power of a 6-core Xeon-E CPU and the superior AI Inferencing power of a NVIDIA® RTX™ 2000 Ada Generation GPU. With dual 10 GbE ports for rapid data flow, this system delivers unparalleled performance, setting a new standard for embedded AI and edge-computing applications.

Superior AI Performance
The Sabertooth AI Connect, powered by the NVIDIA RTX 2000A GPU, delivers amazing AI performance for its size. It runs inferencing tests 25 times faster than the NVIDIA Jetson AGX Orin™*!!

"The Sabertooth AI Connect delivers unmatched processing power for a compact embedded system" said Len Crane, VersaLogic's President. "When you add the full industrial temperature rating (-40° to +85°C) and ruggedness for shock and vibration (tested to MIL-STD-202H) this system really stands out for embedded AI edge solutions".

With Ada Lovelace Architecture, the NVIDIA GPU provides 3,072 CUDA Cores, 96 Tensor Cores, and 24 RT Cores and boasts a floating-point performance of 12.99 TFLOPS. It also provides three mini DP++ ports for video streams of up to 8K for multi-screen applications.

Dual Independent 10 Gigabit Ports
Sabertooth AI Connect ensures maximum data flow for maximized AI performance with two independent IEEE 10Gigabit Ethernet RJ-45 ports (backward compatible with slower 5GbE, 2.5GbE, and 1GbE).

Compact and Extremely Rugged
The Sabertooth AI Connect, a compact solution measuring only 90 x 96 x 93 mm (3.5 x 3.8 x 3.7"), is designed to operate in hostile environments. It is rigorously tested for industrial temperature operation (-40°C to +85°C) and meets MIL-STD-202H specifications for shock and vibration.

Customizable in Low OEM Quantities
The Sabertooth AI Connect is customizable, even in low OEM quantities. Customization options include conformal coating, revision locks, custom labeling, customized testing, customized screening, etc.

Software Support
The Sabertooth AI Connect is compatible with popular operating systems, including Linux and Windows.

Long-term Availability
As with all VersaLogic products, the Sabertooth AI Connect is designed from day one for long-term availability. (10+ year typical production lifecycle). Avoid expensive migrations and re-designs with long-term product support.

Pricing and Availability
The Sabertooth AI Connect, part number VL-ASM51-3AE, will be available in production quantities in early Q3 2025. Evaluation samples are available now. OEM pricing starts at $9,300. For more information, contact Sales@VersaLogic.com or visit VersaLogic.com.

– MORE –

About VersaLogic Corporation
VersaLogic delivers state-of-the-art embedded computers, and expert technical support, for critical markets such as medical and defense. Featuring long-term availability, -40°C to +85°C operation, MIL-STD-202 shock and vibration testing, and outstanding US-based support, VersaLogic products are ideal for critical applications that value rugged-ness, reliability, and long life. A 40+ year history of consistency has earned VersaLogic the reputation of being "the industry's most trusted embedded computer company". For more information, visit VersaLogic.com.

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