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FOR IMMEDIATE RELEASE

VersaLogic announces low-power EBX embedded computer

Tualatin, OR — February 25, 2015 — VersaLogic Corp., a US -based embedded computer company, today announced the "Anaconda" EBX-format single board computer (SBC). It features extensive I/O capabilities, low power consumption, and fanless operation over the full industrial temperature range.

The Anaconda board leverages DMP's Vortex86DX2 System on Chip (SoC). It offers operation to 1 GHz, full industrial temperature (-40º to +85ºC) operation, and low power requirements (5.5 Watts). Based on the industry-standard EBX form factor (5.75 x 8 inches), it is an excellent solution for industrial and medical applications that need a next-gen EBX-format solution, considerable on-board I/O, and moderate processing power.

"The Anaconda was designed as a full-featured SBC for embedded environments requiring low power consumption and passive cooling," said Bruce McKinnon, Chief Operating Officer of VersaLogic. "The Anaconda delivers extensive on-board I/O capabilities, mid-range performance, and only 5.5W typical power draw on an industry-standard EBX-size board."

The Anaconda features built-in data acquisition ports including eight analog inputs and thirty-two digital I/O lines. Basic on-board I/O includes dual Ethernet with network boot capability, up to 2 GB soldered-on DDR2 RAM, five USB ports, four serial ports, a SATA interface that supports high-capacity rotating or solid-state drives, removable flash storage, and three general purpose timers.

Flexible System Expansion
Systems can be enhanced by leveraging the Anaconda's on-board Mini PCIe expansion socket with plug-in Wi-Fi modems, GPS receivers, MIL-STD-1553, Ethernet, Analog, and other mini cards. The Mini PCIe socket includes mSATA capability providing flexible solid-state drive (SSD) options.

An industry-standard PC/104-*Plus*™ expansion site provides plug-in access to a wide variety of expansion modules from numerous vendors. The SPX expansion interface provides additional plug-in expansion for low-cost analog and digital I/O.

For Extreme Environments
Anaconda features no moving parts, soldered-on RAM, and was designed and tested to withstand extreme temperatures, high-impact, and vibration. This single board computer is an ideal choice for applications that require a rugged, high reliability product.

Designed for full industrial temperature (-40º to +85ºC) operation, the rugged Anaconda boards meet MIL-STD-202G specifications for mechanical shock and vibration. Latching connectors provide additional ruggedization for use in harsh environments. Transient voltage suppression (TVS) devices on critical I/O ports provide enhanced electrostatic discharge (ESD) protection for the system.

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The Anaconda features an American Megatrends (AMI) BIOS with OEM enhancements. The field-reprogrammable BIOS supports custom defaults, remote/network booting, and other application functions. Anaconda is compatible with a variety of popular x86 operating systems including Windows, Windows Embedded, Linux, VxWorks, and QNX.

Anaconda's on-board I/O functions are supported by VersaAPI. VersaAPI is an Application Programming Interface (API) that simplifies software access to the on-board I/O devices. Supported devices include analog input, digital I/O, and timer/counters. VersaAPI is provided for Windows and Linux operating systems.

Long-term Availability
The Anaconda is covered by VersaLogic's 5-year product warranty and 5+ year availability guarantee. VersaLogic's Life Extension program typically keeps each technology generation available for 10+ years.

Product customization services are available for the Anaconda, even in low OEM quantities. Customization options include conformal coating, revision locks, custom labeling, customized testing and screening, and more.

Pricing and Availability
Both the standard (0° to +60°C) and extended (-40° to +85°C) temperature Anaconda products will be available in Q3-2015 from both VersaLogic Corp. and Digi-Key Corp. Pricing starts at $669 in OEM quantities. Contact Sales@VersaLogic.com or visit www.VersaLogic.com/Anaconda for more information.

About VersaLogic Corporation
VersaLogic Corp. built its reputation on very high reliability products and superior service. A 35-year history of consistency has earned VersaLogic the reputation of being the industry's most trusted embedded computer company. VersaLogic delivers state-of-the-art embedded computers, coupled with expert technical support, for critical markets such as the medical and defense industries. For more information, visit www.VersaLogic.com.

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