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FOR IMMEDIATE RELEASE

VersaLogic announces new Low-power PC/104-*Plus* embedded computer

Tualatin, OR — September 15, 2015 — VersaLogic Corp., a US -based embedded computer company, today announced the "Fox" PC/104-format single board computer (SBC). It features extensive I/O capabilities, low power consumption, and <u>fanless</u> operation over the full industrial temperature range.

The Fox SBC leverages DMP's Vortex86DX2 System on Chip. It offers full industrial temperature (-40⁰ to +85⁰C) operation, and low power requirements (5.3 Watts). Based on the industry-standard PC/104-*Plus*™ form factor (4.2 x 3.8 inches), it is an excellent solution for industrial and medical applications that need a PC/104-format solution, on-board I/O, and moderate processing power.

"The Fox is a full-featured SBC for embedded environments that require low power consumption and passive cooling," said Gary Harris, Director of Technology at VersaLogic. "The Fox delivers extensive on-board I/O capabilities, mid-range performance, and low power draw on an industry-standard PC/104-sized board."

The on-board I/O includes dual Ethernet with network boot capability, up to 1 GB soldered-on DDR2 RAM, four 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. Simultaneous video displays are available from the Fox's LVDS and analog VGA outputs.

Extensive Expansion Options
An industry-standard PC/104-*Plus* expansion site provides plug-in access to a wide variety of expansion modules from numerous vendors.

Systems can also be expanded using the Fox's on-board Mini PCIe expansion socket which supports plug-in Wi-Fi modems, GPS receivers, MIL-STD-1553, Ethernet, Analog, and other mini cards. The Mini PCIe socket includes mSATA capability to support solid-state drive (SSD) options as well.

An SPI/SPX expansion interface provides additional plug-in expansion for low-cost analog and digital I/O.

For Extreme Environments
Designed for full industrial temperature (-40⁰ to +85⁰C) operation, the rugged Fox boards also 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. Designed and tested to withstand extreme temperatures, high-impact, and vibration, Fox features no moving parts and soldered-on RAM. This single board computer is an ideal choice for applications that require a rugged, high reliability product.

Software Support
The Fox is compatible with most x86 operating systems. For Windows and Linux operating systems Fox's on-board I/O functions are supported by VersaAPI. The VersaAPI Application Programming Interface (API) simplifies software access to the on-board I/O devices. Supported devices include analog input, digital I/O, and timer/counters.

Long-term Availability

The Fox is covered by VersaLogic's 5-year product warranty and 5+ year availability guarantee. VersaLogic's Product Life Extension programs typically keep each technology generation available for 10+ years.

Product customization services are available, 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 commercial (0° to +60°C) and industrial (-40° to +85°C) temperature Fox products will be available in Q1-2016 from both VersaLogic Corp. and Digi-Key Corp. Pricing starts at $569 in OEM quantities. Contact Sales@VersaLogic.com or visit www.VersaLogic.com/Fox 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.

Press Release Photos

High resolution: http://www.versalogic.com/images/PR_EPM-19_HI.jpg
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