

## **VersaLogic announces multi-I-O expansion modules for SUMIT products**



VersaLogic Corp. today announced the release of new expansion modules that provide industry-standard I/O interfaces for SUMIT-based embedded systems. With extended temperature operation and extensive ruggedization, VersaLogic's M1 multi-I/O cards are an ideal solution for all SUMIT-based applications that require USB, SATA, PCI Express, and mSATA capabilities.

"These SUMIT-based I/O boards provide cost-effective expansion options for PC/104 small form factor embedded systems," said Len Crane, President of VersaLogic. "The three M1 I/O models provide OEMs with plug-in access to a wide variety of system-level I/O interfaces at a very reasonable cost."

Based on the SUMIT interface standard, the M1 boards support SUMIT and PC/104 stackable expansion buses on an industry-standard 90 mm x 96 mm (3.55" x 3.78") expansion module. Various M1 models support I/O requirements including:

- Up to four USB ports
- Dual drive SATA controller with latching connectors compatible with both solid-state drives (SSDs) and rotating drives
- PCI Express Mini Card socket for plug-in Wi-Fi modems, GPS receivers, flash data storage, and other functions
- mSATA interface that provides high-throughput, low-latency flash storage capabilities utilizing small form factor mSATA SSDs

Designed for full industrial temperature operation (-40° to +85°C), the M1 boards are built to withstand thermal extremes and meet MIL-STD-202G specifications for

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mechanical shock (20g) and vibration for use in harsh environments. Transient voltage suppression (TVS) devices on all USB channels provide enhanced electrostatic discharge (ESD) protection for the system.

Standard drivers are available for compatibility with most x86 operating systems including Windows, Windows Embedded, Linux, VxWorks, and QNX.

These new SUMIT expansion modules are RoHS compliant, manufactured to IPC-A-610 Class 2 standards, and include VersaLogic's 5+ year production life guarantee. The M1 boards are customizable in low OEM quantities. Customization options include conformal coating, revision locks, custom labeling, customized testing and screening, etc.

VersaLogic's SUMIT expansion modules can be used to complement any SUMIT-based SBC including VersaLogic's PC/104-sized Intel Atom Z5xx (Menlow XL) or EPIC-sized Intel Core 2 Duo single board computers.

The VL-EPMs-M1 expansion modules are available from stock now. Pricing starts at \$128.00 in OEM quantities. Contact [Sales@VersaLogic.com](mailto:Sales@VersaLogic.com) [1] or visit [www.VersaLogic.com](http://www.VersaLogic.com) [2] for more information.

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