



## Press Contact

Marketing@VersaLogic.com  
(503) 747-2261

FOR IMMEDIATE RELEASE

# VersaLogic announces video expansion module for PC/104-Plus systems

Tualatin, OR — August 25, 2015 — VersaLogic Corp., an Oregon-based embedded computer company, today announced the VL-EPM-V7 video expansion module. The “V7” is offered in two different module versions for use in PC/104-Plus™ or PCI-104 embedded systems. The V7 modules provide a simple, economical, and standardized way to add LVDS and VGA video outputs to embedded computer boards.

The PC/104-Plus version of the V7 supports PCI and ISA stackable expansion buses. The PCI-104 version supports only the PCI expansion bus. Both modules are based on the industry standard PC/104 form-factor: 90 mm x 96 mm (3.55” x 3.78”).

“The V7 can be used as a development tool for VersaLogic’s headless (no video output) single board computers, or to provide an additional video output for any PC/104-Plus or PCI-104 embedded system,” said Len Crane, President of VersaLogic.

## Graphics Processor

The V7 utilizes a Silicon Motion SM750 embedded graphics processor with 16 MB integrated RAM. The graphics processor delivers 2D graphics capabilities with simultaneous and/or independent analog VGA and LVDS video outputs. The analog VGA video interface supports up to 1920 x 1080 (16-bit color) and the LVDS interface supports up to 1280 x 1024 (18/24-bit color). The graphics processor’s advanced power reduction (throttling) and power-down (sleep) controls, keep the power draw low in most embedded applications. The V7 supports simultaneous analog VGA and LVDS video output.

## PCI Express Mini Card Socket

The V7 includes a PCI Express Mini Card socket that accommodates plug-in data acquisition, MIL-STD-1553 interfaces, non-volatile flash data storage, and other plug-in expansion cards. On-board LEDs provide status for the socket.

## Operating System Support

The V7 is compatible with a variety of popular x86 operating systems including Windows, Windows Embedded, Linux, VxWorks, and QNX using standard software drivers. The on-board video BIOS also supports VESA standard graphics modes.

## For Extreme Environments

The V7 is designed and tested for industrial temperature (-40° to +85°C) operation and meets MIL-STD-202G specifications to withstand high shock and vibration. Latching connectors provide additional protection within harsh environments.

## Long-Life Guarantee

The V7 is covered by VersaLogic’s 5-year product warranty and exclusive 5+ year production life guarantee. Customization services are available even in low OEM quantities. Customization options include conformal coating, revision locks, custom labeling, custom testing and screening, and more.



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### Pricing and Availability

Both V7 models are available from stock. Pricing is \$402 to \$437 in OEM quantities, depending on the model. Contact Sales@VersaLogic.com, or visit [www.VersaLogic.com/V7](http://www.VersaLogic.com/V7) or [www.Digikey.com](http://www.Digikey.com) 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](http://www.VersaLogic.com).

### Press Release Photos

High resolution: [http://versalogic.com/images/PR\\_EPM-V7\\_HI.jpg](http://versalogic.com/images/PR_EPM-V7_HI.jpg)

Low resolution: [http://versalogic.com/images/PR\\_EPM-V7\\_LO.jpg](http://versalogic.com/images/PR_EPM-V7_LO.jpg)

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