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FOR IMMEDIATE RELEASE

VersaLogic releases new low cost addition to its range of Intel Bay Trail PC/104-Plus computers

Tualatin, OR – November 13, 2018 – VersaLogic Corp., the embedded industry’s most trusted computer company, has announced “SandCat”—a low-cost rugged new PC/104-Plus™ Single Board Computer (SBC). Based on Intel’s highly successful Bay Trail System-on-Chip (SoC), SandCat is an entry level PC/104-Plus single board computer that provides a cost optimized performance level and I/O capability. SandCat’s dual-core processor means that low cost does not mean low performance.

For Extreme Environments

The SandCat is designed and tested for industrial temperature (-40° to +85°C) operation and meets MIL-STD-202G specifications to withstand high impact and vibration. Latching connectors and fanless operation provide additional benefits in harsh environments.

On-board I/O

SandCat’s I/O connectivity includes a Gigabit Ethernet port with network boot capability, four USB 2.0 ports, two serial ports (RS-232/422/485), I2C, and eight digital I/O lines. A SATA 3 Gb/s interface supports high-capacity rotating or solid-state drives. A Mini PCIe socket with mSATA capability provides flexible solid-state drive (SSD) options.

The SandCat’s powerful feature set, combined with a low-power draw and standard PC/104-Plus expansion, enables smaller, lighter and more energy efficient systems for industrial, energy, mining, transportation, and other applications.

Flexible System Expansion

SandCat’s Mini PCIe socket allows easy on-board expansion with plug-in Wi-Fi modems, GPS receivers, and other mini cards such as MIL-STD-1553, Ethernet, and Analog.

For stacking expansion using industry-standard add-on boards, the SandCat supports PC/104-Plus expansion, including ISA and PCI based modules. The on-board expansion site provides plug-in access to a wide variety of expansion modules from numerous vendors, all with bolt-down ruggedness.

SandCat provides compatibility with a broad range of x86 application development tools for reduced development time and cost.

Long-term Availability

Like other VersaLogic products, the SandCat is designed for long-term availability (10+ year typical production lifecycle). Customization services to help customers create unique solutions are available for the SandCat, even in low OEM quantities. Customization options include conformal coating, revision locks, custom labeling, customized testing and screening, etc.

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Pricing and Availability

The SandCat single board computer, part number VL-EPM-39EBK, is in stock at both VersaLogic Corp. and Digi-Key Corp. OEM quantity pricing starts at \$370. Contact Sales@VersaLogic.com or visit VersaLogic.com or Digikey.com for more information.

About VersaLogic Corporation

VersaLogic delivers state-of-the-art embedded computers, coupled with expert technical support, for critical markets such as medical and defense. Featuring long-term availability, -40° to +85°C operation, MIL-STD-202G shock and vibration testing, and outstanding US-based support, VersaLogic products are ideal for critical applications that value ruggedness, 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.

Press Release Photos

High resolution: https://www.versalogic.com/images/PR_EPM-39_HI.jpg

Low resolution: https://www.versalogic.com/images/PR_EPM-39_LO.jpg

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