



Company:
VersaLogic Corporation

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FOR IMMEDIATE RELEASE

VersaLogic expands its Arm-based Embedded Computer Line

Tualatin, OR — March 4, 2020 — VersaLogic Corporation added a new model to its “Swordtail” product family, the latest in their line of production-ready Arm®-based embedded computers.

Available with either the NXP i.MX6 Quad (quad core), or the i.MX6 DualLite (dual core) processors, the Swordtail includes on-board Wi-Fi, Bluetooth, and a socket for plug-in cellular radios. The new model adds on-board eMMC storage functionality. At home in hostile environments, the compact 95 x 95 mm computer board is rated for operation at full industrial temperature range (-40° to +85°C).

The new model includes soldered-down 8 GB eMMC Flash as a bootable on-board storage medium. This is in addition to the micro-SD socket included on all models in the family.

“Unlike Arm-based modules, VersaLogic’s Swordtail is a complete board-level computer” said Len Crane, President VersaLogic Corp. *“It does not require additional carrier cards, companion boards, connector break-out boards, or other add-ons to function. It is a production-ready embedded computer.”*

Swordtail boards are ideal for transmitting maintenance or diagnostic information without the need for a wired connection. Wi-Fi and Bluetooth radios are included on board, and a NimbleLink Skywire™ socket supports a wide range of cellular and wireless plug-ins.

The Swordtail embedded computer boards are ready for off-the-shelf deployment into demanding industrial, smart city, and transportation applications requiring rugged, long-life, power efficient, wide temperature solutions.

All Swordtail models feature soldered-on memory and a variety of I/O ports, including wireless interfaces, Gigabit Ethernet with network boot capability, USB 2.0, serial I/O (RS-232), CAN Bus, and I2C interface. In addition, MCOTS versions can accommodate up to 32 GB of on-board flash storage.

Customizable

Designed for COTS and MCOTS users, Swordtail models can be modified for specific applications in quantities as low as 100 pieces.

Industrial Tough

Designed and tested for industrial temperature (-40° to +85°C) operation, VersaLogic’s Swordtail also meets MIL-STD-202H specifications for impact and vibration. Engineered and validated for ruggedness, Swordtail excels in unforgiving environments.

Long-term Availability

Like other VersaLogic products, the Swordtail is designed for long-term availability (10+ year production lifecycle).

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Pricing and Availability

The Swordtail single board computers (VL-EPC-2702) are in stock at both VersaLogic Corp. and Digi-Key Corp. OEM pricing starts at \$234. Contact Sales@VersaLogic.com or visit VersaLogic.com/Swordtail or Digikey.com for more information.

See the Swordtail, and other embedded computing solutions using Arm and x86 processors, at AU/VS/XPONENTIAL 2020 from May 5 to 7 in Boston (booth 746).

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-202 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/wp-content/themes/vsl-new/assets/img/posts/PR_EPC-2702_HI.jpg

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