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FOR IMMEDIATE RELEASE

VersaLogic shrinks server-class computers for embedded applications

Tualatin, OR – February 22, 2109 – VersaLogic Corp., the embedded industry’s most trusted computer company, has announced a new server-class product in a compact 110 x 155 x 48 mm package.

Named “Grizzly”, the new embedded server product features an Intel 16-core processor, high speed 10 Gb Ethernet channels, and operation over the full -40° to +85°C industrial temperature range. This rugged, compact server product was designed to address the increasing need for server-class products in hostile environments.

Serving the Edge

High-performance processing and data collection is moving out of the server rack and out to the edge, even in non-friendly environments. A ruggedly built, temperature-tolerant server is the answer. From smart-grid and smart-city applications, to transportation, security and defense applications, VersaLogic’s new embedded server will pour on the performance and the reliability.

Designed and tested for full industrial temperature operation (-40° to +85°C), as well as MIL-STD-202H for high impact and vibration, the Grizzly is the first 16-core embedded computer to offer this much performance in a compact, rugged package.

Connectivity

The Grizzly includes two SFP+ interface connectors which support ultra high-speed 10 Gigabit Ethernet. They accept plug-in adaptors for copper connections, short-reach fiber, and long-reach fiber connections. The Grizzly also includes standard 1 Gb Ethernet ports, USB 3.0, digital I/O, and SATA 3 ports. Two mini-PCIe sockets support plug-in on-board expansion devices, such as GPS modules.

Server Class

Within its 110 x 155 x 48 mm package, the Grizzly supports up to 128 GB of ECC memory. This significant memory capacity simplifies running larger virtual machines and fully leveraging all 16 cores. The ECC (error correcting) memory guards against single bit memory errors, which can occur in outer space and high-altitude applications.

On-board data storage is supported by an M.2 socket that supports up to 2 TB of high-speed solid state storage.

Long-term Availability

Like other VersaLogic products, the Grizzly is designed from the ground up for long-term availability (10+ year typical production lifecycle).

Customization

Customization services to help customers create unique solutions will be available for the Grizzly, even in low OEM quantities. Customization options include conformal coating, revision locks, custom labeling, customized testing and screening, etc.

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Availability

Grizzly will be available in production volumes Q4 of 2019. Contact Sales@VersaLogic.com for more information, and pre-production opportunities.

See the Grizzly at the Embedded World Exhibition February 26 to 28, Hall 3, Booth 3-257.

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/images/PR_ESU-5070_HI.jpg

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