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VadaTech Announces Rugged Conduction-Cooled MicroTCA Ecosystem

Henderson, NV – Aug 6, 2013 – VadaTech, a manufacturer of embedded boards and complete application-ready platforms, has released a complete ecosystem of boards and chassis in the MicroTCA architecture that is conduction-cooled. Designed for rugged applications, the products include Air Transport Racks (ATR), MicroTCA Carrier Hubs (MCH), Power Modules, and Advanced Mezzanine Cards.

Compliant to MicroTCA.3 (Hardened Conduction-Cooled MicroTCA) specification, the boards and chassis come in various sizes and formats. The MCH, which acts as a shelf controller, features a 400 MHz RISC CPU for high performance and low latency. The Power Modules provide true hot-swappability in a dual 10-36V input and outputs of up to 800W. They also have dual Intelligent Platform Management Interface (IPMI) and two banks of 256K Flash for redundancy. Several of VadaTech's Advanced Mezzanine Cards (AMCs) are in the conduction-cooled format. The company is also able to modify standard AMCs to ruggedized versions with wedge locks.

The VadaTech ATRs come in ½ and ¾ short sizes with long and tall versions also offered. Customized chassis and module solutions are available.

In addition to MicroTCA.3 conduction-cooled solutions, VadaTech offers the full range of MicroTCA processors, graphics/IO, carriers, JSMs, Power Modules, MCHs, NICs, storage, enclosures, and more in MicroTCA.0/.1/.2 air-cooled versions. The company also provides the full ecosystem of MicroTCA.4 (with Rear IO) for High-Energy Physics and other applications.

About VadaTech

VadaTech provides innovative embedded computing solutions from board-level products, chassis-level platforms, to configurable application-ready systems. With a focus on MicroTCA and AdvancedTCA solutions, the company offers unmatched product selection and expertise in the full xTCA ecosystem. With our unique combination of electrical, mechanical, software, and system-level expertise, VadaTech can provide customized commercial or rugged computing solutions to meet the most complex customer requirements. VadaTech also offers specialized product solutions for VPX/VME, CompactPCI, and other architectures. A member of PICMG and VITA, VadaTech is headquartered in Henderson, NV with offices in Europe and Asia Pacific.

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