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New MicroTCA.4 Chassis from VadaTech Solves Power Redundancy Problem

Henderson, NV – April 17, 2014 – VadaTech, a manufacturer of embedded boards and complete application-ready platforms, now offers an 8U high chassis compliant with the MicroTCA.4 specification that offers N+1 redundant power to 4400W.

MicroTCA.4 systems utilize double modules with an RTM connector for rear I/O. By adding RTM and higher power large modules, the overall power requirement in chassis are higher. Many High-Energy Physics and other applications require full power redundancy in the system. With specially designed power modules, the VT813 chassis from VadaTech has four 1100W power supplies in an N+1 redundant power configuration. By aligning the compact power supplies on the side of the card cage, the chassis can provide 12 double-module, mid-sized slots.

The backplane for the VT813 is 40GbE-ready, with a high dielectric material for clean signals. The chassis offers full redundancy, including dual fans trays in a push/pull configuration, dual MCH's, and four power supplies. There are also dual FRU information devices and carrier locators, along with a JTAG Switch Module slot and a Telco Alarm built-in.

VadaTech offers MicroTCA chassis, power modules, JSMs, and over 200 AdvancedMCs of various types. The company also offers AdvancedTCA systems and boards and specialty products in other architectures.

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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