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VadaTech Announces New 6U VPX Chassis Manager with integrated JTAG Switch Module

Henderson, NV – January 3, 2019 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the VPX980. The VadaTech VPX980 Chassis Manager is based on the VITA 46.11 specification. The VITA 46.11 leverages the Intelligent Platform Management Interface (IPMI) and AdvancedTCA Specification by the PICMG as its architectural foundation. The VadaTech Chassis Management solution is derived from our field proven VadaTech ATCA Shelf Manager utilizing core interfaces such as the Simple Network Management Protocol (SNMP), Remote Management Control Protocol (RMCP), Web Interface, System Management application (Scorpionware™), and a user-friendly Command Line Interface.

VadaTech VPX IPMC and Chassis Management solutions support VITA 46.11 Tier-2 command set, providing a higher level of functionality in the management layer and chassis cooling capabilities. Additionally, VadaTech VPX management solutions have taken advantage of the HPM.1 PICMG Specification providing a framework for upgrading the IPMC firmware. The Module also has a 1000Base-TX via the front panel as well as GbE going to P1 as 1000Base-BX.

In addition to all of this the VPX980 has an option for JTAG Switch Module (JSM) and optional Virtual Probe, easing device access within the chassis for FPGA code developers. The JTAG ports from each VPX module are routed to the P3/P4 to support a total of 16 modules. This allows maximum flexibility within the chassis. The Module JSM is configured via either of the GbE ports (front or rear). The JSM could also be used as a standalone module, so multiple JTAG dongles are not needed within the chassis.

About VadaTech

[VadaTech](http://www.vadatech.com) provides innovative embedded computing solutions from board-level products, chassis-level platforms, to configurable application-ready systems. With a focus on AdvancedTCA, MicroTCA, VPX and PCIe solutions, the company offers unmatched product selection and expertise. A unique combination of electrical, mechanical, software, and system-level expertise, enables VadaTech to provide customized commercial or rugged computing solutions to meet the most complex customer requirements. VadaTech also offers specialized product solutions for VME, CompactPCI, and other architectures. A member of PICMG and VITA, VadaTech has headquarters, design and manufacturing facilities in Henderson, NV with design, support and sales offices in Europe and Asia Pacific.

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