



Company Contact: Dan Marland 702-896-3337 dan.marland@vadatech.com
VadaTech, Inc. www.vadatech.com

VadaTech Announces a new Two Slot 6U VPX Rackmount Chassis with RTM for Conduction Cooled Modules

Henderson, NV – November 24, 2020 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [VTX995](#). The VTX995 is a dual slot 6U VPX chassis supporting up to two conduction cooled 6U VPX modules. The chassis accepts both front and Rear Transition Modules (RTM). The chassis CPU will monitor and maintain the temperature at the VPX module wedge, as set by the user. This allows testing of conduction cooled modules in a standard development environment without use of a thermal chamber. The chassis has provision to mount to a 19" rack.

The VTX995 Universal AC power supply provides 400W to the chassis. The chassis supplies all the necessary power (+12V, -12V, +5V, etc.) to the module and RTM in accordance with VITA 46 specifications, and has a battery pack included to provide VBAT. The chassis is cooled by variable speed fans controlled by an on-board CPU, keeping each wedgelock at the user defined temperature. The backplane provides all the necessary VITA 46 signals set by the user (NVMRO, SYSRESET, SYS_CON, driver the dual clock, etc.). All connectors are installed with P0 thru P6 are routed from the front to the rear. The default routing routes all P1 ports between the two modules and the backplane can be ordered with custom routing between the modules on request. The backplane also breaks-out the JTAG signals via a header connector to enable external connection of a JTAG probe.

Additionally, the VTX995 comes with the VadaTech 4th Generation shelf manager ([VT040](#)) that monitors the VPX board sensors in compliance to VITA 46.11. The VT040 supports Tier 2 Health Management. For a more complete and detail description of the VT040, the data sheet may be downloaded from VadaTech web page.

About VadaTech

[VadaTech](#) 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.

VadaTech, Inc. www.vadatech.com 198 N. Gibson Henderson, NV 89014