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VadaTech Announces a One Slot, 6U VPX Benchtop and Rackmount Chassis for Development

Henderson, NV – May 5, 2023 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the VTX994. The VTX994 is a single slot 6U VPX chassis for board bring-up and testing of conduction cooled 6U VPX modules. The chassis can accept a front and a rear module. The panels on both the front and rear slots are removable for ease of probing and debugging and the backplane provides all the necessary VITA 46 signals set by the user (NVMRO, SYSRESET, SYS_CON, driver the dual clock, etc.). All the connectors are installed P0 thru P6 and are routed from the front to the rear.

The VTX994 Universal AC power supply provides 400W to the chassis. The chassis supplies all the necessary power (+12V, -12V, +5V, etc.) to the module in accordance with VITA 46 specifications and a battery pack is included that provides VBAT to the module. The chassis provides the current draw on the +12V and +5V by the VPX module and it's associated RTM. Additionally, the chassis CPU will monitor and maintain the VPX module wedge temperature and variable speed fans, set by the user. This allows testing of the conduction cooled module without going through the thermal chamber. The unit can be horizontally or vertically bench mounted for ease of access or has a 19" Rackmount option. Please consult with VadaTech Sales to discuss ordering options.

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.

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