Specifications

Architecture		
Physical	**Dimensions**	6U, VPX
FPGA		Xilinx Kintex UltraScale™ XCKU115, 16 GB DDR4
Configuration		
Power	**VPX552**	~80W (CPU and FPGA load dependent)
Front Panel	**JTAG**	Standard JTAG header via front or P0
	Micro USB	RS-232 from Health Management
	LEDs	User defined by the FPGA and Health Management
VPX Interfaces	**Slot Profiles**	See Ordering Options
	Rear IO	P1: x8 SERDES and x8 PCIe
		P2: x16 SERDES
		P3: x8 MLVDS, x24 LVDS, GPIO and RS232 from FPGA
		P4: x12D Mapping, x2 1GBase-T and x2 10GBase-KR
		P5: CPU I/O including Dual PCIe x4, USB3.0 and RS232
		P6 location: VITA66.5 12 x TX/RX
Software Support	**Operating System**	Linux, VxWorks and/or Windows
Other		
MTBF	MIL Hand book 217-F@ TBD hrs	
Certifications	Designed to meet FCC, CE and UL certifications, where applicable	
Standards	VadaTech is certified to both the ISO9001:2015 and AS9100D standards	
Warranty	Two (2) years, see VadaTech Terms and Conditions	

INTEGRATION SERVICES AND APPLICATION-READY PLATFORMS

VadaTech has a full ecosystem of OpenVPX, ATCA and MTCA products including chassis platforms, shelf managers, AMC modules, Switch and Payload Boards, Rear Transition Modules (RTMs), Power Modules, and more. The company also offers integration services as well as pre-configured Application-Ready Platforms. Please contact VadaTech Sales for more information.