

# Specifications

Architecture		
<b>Physical</b>	<b>Dimensions</b>	3U, 1" pitch
<b>FPGA</b>		Xilinx Kintex UltraScale™ XCKU115
Configuration		
<b>Power</b>	<b>VPX592</b>	~TBD W (dependent on FPGA load)
<b>Memory</b>		Two banks of DDR4, 64-bit wide and single bank of 32-bit wide DDR4 (20 GB total)
<b>Front Panel</b>	<b>FMC</b>	Single FMC slot
	<b>Micro USB</b>	RS-232 from Health Management CPU and RS-232 from FPGA
	<b>LEDs</b>	User defined by the FPGA and Health Management
<b>VPX Interfaces</b>	<b>Slot Profiles</b>	See <a href="#">Ordering Options</a>
	<b>Rear IO</b>	Dual x4 fabric on P1 (PCIe Gen3/10GbE/40GbE/SRIO per FPGA load) Dual GbE on P1 Dual x4 fabric on P2 (optional) with 16 LVDS
	<b>Power Supplies</b>	On P0: VS1 = 12V
Other		
<b>MTBF</b>		MIL Hand book 217-F@ TBD hrs
<b>Certifications</b>		Designed to meet FCC, CE and UL certifications, where applicable
<b>Standards</b>		VadaTech is certified to both the ISO9001:2015 and AS9100D standards
<b>Warranty</b>		Two (2) years, see <a href="#">VadaTech Terms and Conditions</a>

## 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.