

Specifications

Architecture			
Physical	Dimensions	6U, 1" pitch	
Type	FPGA	Dual Xilinx Kintex UltraScale™ XCKU115	
	Memory	16 GB DDR4, 64-bit per FPGA	
Standards			
VPX	Type	VITA 46.x	
VPX	Type	VITA 65	
Module Management		OpenVPX Health Management	
Configuration			
Power	VPX551	~120W	
Front Panel	JTAG	Standard JTAG header	
	USB	USB to FPGA	
	1/10GbE	SFP+	
	LEDs	User defined from FPGA	
		Health Management Status	
	Switch	Reset, push-button	
VPX Interfaces	Slot Profiles	See Ordering Options	
	Rear IO		P0: IPMB for Health Management
			P1 and P2: Four SERDES x4 from each FPGA
			P3: Sixteen LVDS from each FPGA
		P4 to P6: Six VITA 66.5	
	Power Supplies	On P0: VS1/VS2 = 12V; VS3 = +5V	
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.