

Specifications

Architecture		
Physical	Dimensions	6U, 5 HP or 10 HP depending on the Com-Express Module
FPGA		Xilinx Kintex UltraScale™ XCKU115, 8 GB DDR4
COM Express		Type-6
Configuration		
Power	VPX550	~80W (Com Express and FPGA load dependent)
Front Panel	JTAG	Standard JTAG header
	Micro USB	RS-232 from FPGA and RS-232 from Health Management
	RJ-45	GbE
	HDMI	1.2
	USB	2 of USB 3.0 Type A 1 of USB 2.0 Type A (to FPGA for RS-232)
	LEDs	CPU Fail (Red), from Com Express module Disk (Green), from Com Express module USB (Blue), from Com Express module
		User defined by the FPGA and Health Management
	CFAST	w/retention
	Switch	Push-button
Onboard Interfaces		COM Express Module
VPX Interfaces	Slot Profiles	See Ordering Options
	Rear IO	P1: GbE and dual SATA to CPU GbE and 2x SERDES to FPGA P2: 16x SERDES from FPGA P3 to P6: user I/O to RTM
	Power Supplies	On P0: VS1 = 12V
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.