Specifications

Architecture		
Physical	**Dimensions**	Double module, full-size
		Width: 5.85" (148.5 mm)
		Depth 7.11" (180.6 mm)
Type	**AMC FPGA**	Xilinx Zynq UltraScale+,
Standards		
AMC	**Type**	AMC.0, AMC.1, AMC.2, AMC.3 and AMC.4
Module Management	**IPMI**	IPMI v2.0
GbE	**Lanes**	Port 0 and 1
PCIe	**Lanes**	x8 (4-7/8-11) per option F
10GbE/40GbE/SRIO		4-7, 8-11 per option F
Configuration		
Power	**AMC315**	~25W
	To RTM	No RTM
Environmental	**Temperature**	See Ordering Options and Environmental Spec Sheet
		Storage Temperature: –40° to +85°C
	Vibration	Operating 9.8 m/s^2 (1G), 5 to 500 Hz on each axis
	Shock	Operating 30G on each axis
	Relative Humidity	5 to 95% non-condensing
Front Panel	**Interface Connectors**	Five SFF optics coming in as USB 1.1
		Dual Micro USB for MGT RS-232 and CPU RS-232
		10x USB to USB 1.1 coming from the optics (2x per optics)
		GbE via RJ-45
	LEDs	IPMI management control
		Debug (user defined) LED
	Mechanical	Hot-swap ejector handle
Software Support	**Operating System**	Linux
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 ISO9001:2000 and AS9100B:2004 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.