Specifications

Architecture		
Physical	**Dimensions**	Single Module, full-size, (8 HP optional)
		Width: 2.89” (73.5 mm)
		Depth: 7.11” (180.6 mm)
Type	**AMC FPGA ADC/DAC**	Xilinx UltraScale™ XCKU115 FPGA
		Three banks of DDR4
		Dual ADC/Dual DAC
Standards		
AMC	**Type**	AMC.1, AMC.2 and AMC.4 (FPGA Programmable)
Module Management	**IPMI**	IPMI v2.0
PCIe	**Lanes**	Dual x4 via FPGA to AMC
SRIO/XAUI	**Lanes**	Dual x4 via FPGA to AMC
Ethernet	**GbE and 10GbE**	Dual GbE and 10/40GbE
Configuration		
Power	**AMC599**	~45W application dependent (may go up to 60W)
Environmental	**Temperature**	See Ordering Options and Environmental Spec Sheet
		Storage Temperature: –40° to +85°C
	Altitude	40,000 ft non-operating
	Vibration	Operating 9.8 m/s2 (1G), 5-500 Hz
	Shock	Operating 30Gs each axis
	Relative Humidity	5 to 95% non-condensing
Front Panel	**Interface Connectors**	x11 SMPM
		x2 Micro USB for MGT RS-232 and CPU RS-232
		Mini Display Port for front panel I/O
	LEDs	IPMI management control
		x8 user defined and x1 status
	Mechanical	Hot swap ejector handle
Software Support	**Operating System**	Agnostic
Other		
MTBF	MIL Hand book 217-F@ TBD hrs	
Certifications	Designed to meet FCC, CE and UL certifications, where applicable	
Compliance	RoHS	
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.