Specifications

Architecture		
Physical	**Dimensions**	Double module, mid-size (full-size optional)
		Width: 5.85" (148.5 mm)
		Depth 7.11" (180.6 mm)
Type	**AMC FPGA Carrier**	Xilinx Zynq UltraScale+ RFSoC
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**	x4 (4-7/8-11) or x8 (4-11) and additional Ports on 12-15 and 17-20 (17-20 are MLVDS)
10GbE/40GbE/SRIO		4-7, 8-11 and additional Ports on 12-15 and 17-20
Configuration		
Power	**AMC577**	~45W FPGA load dependent
	RTM	None
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**	Micro USBs for MGT RS-232 and CPU RS-232
		Dual Micro USB for USB
		Display Port
		Dual High Density I/O Connector (128 singled ended or 64 diff)
	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

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.