Specifications

Architecture		
Physical	**Dimensions**	Single module, mid-size (full-size and 8HP optional)
		Width: 2.89" (73.5 mm)
		Depth 7.11" (180.6 mm)
Type	**AMC FPGA**	Arria-10™ GX1150 FPGA
Memory		Dual bank of DDR4 (64-bit wide)
Standards		
AMC	**Type**	AMC.0, AMC.1, AMC.2, AMC.3 and/or AMC.4
Module Management	**IPMI**	IPMI v2.0
PCIe	**Lanes**	Dual x4 via FPGA to AMC (4-11 option)
SRIO/Aurora	**Lanes**	Dual x4 via FPGA to AMC (4-11 option)
Ethernet	**1/10/40G**	Dual 1/10/40GbE via FPGA (Ports 0-1 and 4-11 option)
Configuration		
Power	**AMC536**	~35W (application specific)
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	30G each axis
	Relative Humidity	5 to 95% non-condensing
Front Panel	**Interface Connectors**	Dual micro USB for MGT RS-232 and FPGA RS-232
		Dual SFP+
	LEDs	IPMI management control
		Four user defined LEDs
	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.