

Specifications

Architecture	
Physical	Dimensions Double module, mid-size (full-size optional)
Type	AMC DAC Dual DAC
	Resolution 16-bit resolution per port
	CLK/TRIG Internal/External clock with TRIG IN/OUT
	Memory 2 GB of DDR3, Flash
Standards	
MTCA	Type MTCA.4 with RTM support
AMC	Type AMC.1 and AMC.2
Module Management	IPMI IPMI v2.0
PCIe	Lanes Dual x4 or single x8 via FPGA to AMC
Ethernet	GbE 1000-BaseBX
Configuration	
Power	AMC523 ~15W application specific (up to 40W)
Environmental	Temperature See Ordering Options and Environmental Spec Sheet Storage Temperature: -40° to +85°C
	Vibration 1G, 5 to 500 Hz on each axis
	Shock 30Gs on each axis
	Relative Humidity 5 to 95% non-condensing
Front Panel	Interface Connectors Micro USBs for MGT RS-232 and FPGA RS-232 FPGA JTAG port TRIG In/Out, Clock In 4 SFP+
	LEDs IPMI management control, FPGA 8 user defined LEDs 16 Status, 16 PCIe signal detect
	Mechanical Hot swap ejector handle
Software Support	Operating System Independent
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.