

# Specifications

Architecture		
<b>Physical</b>	<b>Dimensions</b>	Double module, mid-size (full-size optional)
	<b>AMC</b>	FPGA Carrier, 2 DAC
	<b>RTM</b>	12 ADC input and routes 2 DAC outputs
	<b>Resolution</b>	16-bit resolution per port
	<b>CLK/TRIG</b>	Internal/External clock with TRIG IN/OUT
	<b>Memory</b>	2 GB of DDR3, Flash
Standards		
<b>MTCA</b>	<b>Type</b>	MTCA.4 with RTM support
<b>AMC</b>	<b>Type</b>	AMC.1 and AMC.2
<b>Module Management</b>	<b>IPMI</b>	IPMI v2.0
<b>PCIe</b>	<b>Lanes</b>	Dual x4 or single x8 via FPGA to AMC
<b>Ethernet</b>	<b>GbE</b>	1000-BaseBX
Configuration		
<b>Power</b>	<b>DAQ523</b>	~15W application specific (up to 40W)
<b>Environmental</b>	<b>Temperature</b>	See <a href="#">Ordering Options</a> Storage Temperature: -40° to +85°C
	<b>Vibration</b>	Operating 9.8 m/s <sup>2</sup> (1G), 5 to 500 Hz on each axis
	<b>Shock</b>	Operating 30Gs on each axis
	<b>Relative Humidity</b>	5 to 95% non-condensing
	<b>Front Panel</b>	<b>Interface Connectors</b>
	<b>LEDs</b>	IPMI management control, FPGA 8 user defined LEDs
	<b>Mechanical</b>	Hot swap ejector handle
<b>Software Support</b>	<b>Operating System</b>	Linux and Scientific Linux
Other		
<b>MTBF</b>	MIL Hand book 217-F@ TBD hrs	
<b>Certifications</b>	Designed to meet FCC, CE and UL certifications, where applicable	
<b>Standards</b>	VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards	
<b>Warranty</b>	Two (2) years, see <a href="#">VadaTech Terms and Conditions</a>	

## 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.