

# Specifications

Architecture		
<b>Physical</b>	<b>Dimensions</b>	Double module, mid-size with full-size option Width: 5.85" (148.5 mm) Depth: 7.11" (180.6 mm)
<b>Type</b>	<b>AMC DAC</b>	Dual DAC 16-bit resolution per port DAC
Standards		
<b>MTCA</b>	<b>Type</b>	MTCA.4 has RTM with two differential bi-directional LVDS lines from FPGA
<b>AMC</b>	<b>Type</b>	AMC.0, AMC.1, AMC.2 and AMC.4
<b>Module Management</b>	<b>IPMI</b>	IPMI v2.0
<b>PCIe</b>	<b>Lanes</b>	Dual x4 or x8
<b>Aurora/SRIO/10GbE</b>	<b>Lanes</b>	x4 (if the x8 PCIe is not utilized)
<b>Ethernet</b>	<b>GbE</b>	1000-BaseBX
Configuration		
<b>Power</b>	<b>AMC522</b>	~25W, application specific (up to 40W)
<b>Environmental</b>	<b>Temperature</b>	See <a href="#">Ordering Options</a> and <a href="#">Environmental Spec Sheet</a> Storage Temperature: -40° to +85°C
	<b>Vibration</b>	1G, 5 to 500 Hz on each axis
	<b>Shock</b>	30Gs each axis
	<b>Relative Humidity</b>	5 to 95% non-condensing
<b>Front Panel</b>	<b>Interface Connectors</b>	FPGA JTAG port SMB Trig in/out, clock
	<b>Micro USB</b>	RS-232 management port and RS-232 CPU
	<b>LEDs</b>	IPMI Management Control (Blue, Red, Amber, and Green LEDs) Quad user defined LEDs
	<b>Mechanical</b>	Hot-swap ejector handle
<b>Software Support</b>	<b>Operating System</b>	Linux (consult VadaTech for other options)
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.