

# Specifications

Architecture	
<b>Physical</b>	<b>Dimensions</b> Single module, mid-size (full-size optional) Width: 2.89" (73.5 mm) Depth 7.11" (180.6 mm)
<b>Type</b>	<b>AMC FPGA Carrier</b> Xilinx Zynq® UltraScale+ with FMC+ site
Standards	
<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>GbE</b>	<b>Lanes</b> Port 0 and 1
<b>PCIe</b>	<b>Lanes</b> Ports 4-7/8-11 (x4) or Ports 4-11 (x8)
<b>10GbE/40GbE/SRIO</b>	Ports 4-7 and Ports 8-11
Configuration	
<b>Power</b>	<b>AMC582</b> ~25W FPGA load dependent and no FMC
<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> Operating 9.8 m/s <sup>2</sup> (1G), 5 to 500 Hz on each axis
	<b>Shock</b> Operating 30G on each axis
	<b>Relative Humidity</b> 5 to 95% non-condensing
<b>Front Panel</b>	<b>Interface Connectors</b> Single FMC Slot Dual micro USB for RS-232 (management and CPU)
	<b>LEDs</b> IPMI management control Debug (user defined) LED
	<b>Mechanical</b> Hot-swap ejector handle
<b>Software Support</b>	<b>Operating System</b> 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 ISO9001:2015 and AS9100D 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.