

# Specifications

Architecture	
<b>Physical</b>	<b>Dimensions</b> Double module, mid-size (full-size optional) Width: 5.85" (148.5 mm) Depth 7.11" (180.6 mm)
<b>Type</b>	<b>AMC FPGA Carrier</b> Xilinx Zynq UltraScale+ RFSoc
Standards	
<b>AMC</b>	<b>Type</b> AMC.0, AMC.1, AMC.2, AMC.3 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> x4 (4-7/8-11) or x8 (4-11) and additional Ports on 12-15 and 17-20 (17-20 are MLVDS)
<b>10GbE/40GbE/SRIO</b>	4-7, 8-11 and additional Ports on 12-15 and 17-20
Configuration	
<b>Power</b>	<b>AMC576</b> ~45W FPGA load dependent <b>RTM</b> None
<b>Environmental</b>	<b>Temperature</b> See ordering options 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> Micro USBs for MGT RS-232 and CPU RS-232 Dual Micro USB for USB Display Port Dual High Density I/O Connector (128 singled ended or 64 diff) <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 ISO9001:2000 and AS9100B:2004 standards
<b>Warranty</b>	Two (2) years

## 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.