

# Specifications

Architecture	
<b>Physical</b>	<b>Dimensions</b> W TBD, D TBD" (excluding connectors), H TBD"
	<b>Based Plate Cooling</b> W TBD", D TBS", H TBD" (Excluding connectors)
<b>Type</b>	<b>Processor/FPGA</b> NXP LX2160A ARM with AMD ZYNQ Ultra scale+
Standards	
<b>Module Management</b>	<b>IPMI</b> IPMI v2.0
	MIL-STD-461E, MIL-STD-704A/E/F, MIL-STD-1275A/B/D
	MIL-STD-810G methods 509.5, 508.6, 510.5, 500.5, 501.5, 502.5, 503.5, 516.6, 512.5, 511.5
	Mil-STD-810G method 514.6 Vibration, Procedure I, Category 20, Ground Vehicles
Configuration	
<b>Power</b>	<b>VT977</b> ~80 W FPGA load dependent
<b>Environmental</b>	<b>Temperature</b> Operational -46°C Ambient MIL-STD-810G method 502.5 Low Temp Procedure II for 4 hours Storage Temperature: -60° to +90°C (MIL-STD-810G Method 501.5 procedure I)
	<b>Altitude</b> 1300 feet below to 15,000 feet above sea level and atmospheric pressure of 508 mill bars
	<b>Relative Humidity</b> 5 to 95% non-condensing
<b>Front Panel</b>	<b>Interface Connectors</b> See <a href="#">Ordering Options</a>
	<b>LEDs</b> IPMI, activity and user defined (conduction cooled has only one LED)
	<b>Mechanical</b> MIL-STD-810F (base plate cooling)
<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 AS9100D:2017 standards
<b>Warranty</b>	One (1) year, 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.