

Specifications

Architecture	
Physical	Dimensions L (15.5") x W (9.52") x H (3.26")
	Weight 8.75 LB
	Based Plate Cooling W TBD", D TBS", H TBD" (Excluding connectors)
Type	Processor/FPGA NXP LX2160A ARM with AMD ZYNQ Ultra scale+
Standards	
Module Management	IPMI 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	
Power	VT977 ~80 W FPGA load dependent
Environmental	Temperature 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)
	Altitude 1300 feet below to 15,000 feet above sea level and atmospheric pressure of 508 mill bars
	Relative Humidity 5 to 95% non-condensing
Front Panel	Interface Connectors See Ordering Options
	LEDs IPMI, activity and user defined (conduction cooled has only one LED)
	Mechanical MIL-STD-810F (base plate cooling)
Software Support	Operating System Linux (consult VadaTech for other options)
Other	
MTBF	MIL Hand book 217-F@ TBD hrs
Certifications	Designed to meet FCC, CE and UL certifications, where applicable
Standards	VadaTech is certified to both the ISO9001:2000 and AS9100D:2017 standards
Warranty	One (1) year, see VadaTech Terms and Conditions

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.