

Specifications

Architecture	
Physical	Dimensions Double module, mid-size (optional full-size or 8HP) Width: 5.85" (148.5 mm) Depth 7.11" (180.6 mm)
Type	FPGA AMC Xilinx XCZU19EG with dual banks of DDR4 (64-bit)
Standards	
AMC	Type AMC.0, AMC.1, AMC.2, AMC.3 and AMC.4
Module Management	IPMI IPMI v2.0
PCIe	Lanes x4 or x8 (Ports 4-11)
XAUI/SRIO	Lanes Dual x4 (Ports 4-11), additional Ports on 12-15/17-20
40 GbE	Lanes Dual x4 (Ports 4-11), additional Ports on 12-15/17-20
Configuration	
Power	AMC543 65W (application specific)
Environmental	Temperature See Ordering Options and Environmental Spec Sheet Storage Temperature: -40° to +85°C
	Vibration Operating 9.8 m/s ² (1G), 5 to 500Hz on each axis
	Shock Operating 30G on each axis
	Relative Humidity 5 to 95% non-condensing
Front Panel	Interface Connectors Dual 10GbE optics from the DSP Devices 24 RX/TX high speed SERDES via MTP/MPO style fiber USB 2.0 for multi-port RS-232 10GbE optics from the Ethernet Switch
	LEDs IPMI management control Status
	Mechanical Hot-swap ejector handle
Software Support	Operating System Independent
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 AS9100B:2004 standards
Warranty	Two (2) years, 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.