

Specifications

Architecture	
Physical	Dimensions Single module, full-size Width: 2.89" (73.5 mm) Depth 7.11" (180.6 mm)
Type	AMC FPGA Carrier Xilinx Zynq® UltraScale+ with FMC site
Standards	
AMC	Type AMC.0, AMC.1, AMC.2 and AMC.4
Module Management	IPMI IPMI v2.0
GbE	Lanes Port 0 and 1
PCIe	Lanes x4 (4-7/8-11) or x8 (4-11) and additional Ports on 12-15. (ZU15 - No hard-core PCIe)
10GbE/40GbE/SRIO	4-7, 8-11 and additional Ports on 12-15
Configuration	
Power	AMC581 ~25W (FPGA load dependent and no FMC)
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 500 Hz on each axis
	Shock Operating 30G on each axis
	Relative Humidity 5 to 95% non-condensing
Front Panel	Interface Connectors Single FMC Slot Dual micro USB for RS-232 (management and CPU)
	LEDs IPMI management control Debug (user defined) LED
	Mechanical Hot-swap ejector handle
Software Support	Operating System Linux
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.