

Specifications

Architecture		
Physical	Dimensions	Double module, mid-size (full-size optional)
		Width: 5.85" (148.5 mm)
		Depth 7.11" (180.6 mm)
Type	AMC FPGA Carrier	Xilinx Zynq UltraScale+, FMC sites
Standards		
AMC	Type	AMC.0, AMC.1, AMC.2, AMC.3 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)
10GbE/40GbE/SRIO		4-7 and 8-11
Configuration		
Power	AMC562	~25W FPGA load dependent (without RTM) and FMC
	To RTM	Via Zone 3
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	FMC Slot with all LA/HA/HB and DP 0-3
		Min USB port for the RS-232
		RJ-45 for ethernet
		JTAG; 6 SSMC connectors for Clock input, 3x GPI, and 2x GPO
	LEDs	IPMI management control
		Debug (user defined) LED
	Mechanical	Hot-swap ejector handle
FMC	On-board	FMC
RTM	Rear	Zone 3 Connector (class D1.0 per DESY specification)
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.