

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+, Dual 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) and additional Ports on 12-15 and 17-20
10GbE/40GbE/SRIO	4-7, 8-11 and additional Ports on 12-15 and 17-20
Configuration	
Power	AMC580 ~35W 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 Dual FMC Slots Dual Micro USB for MGT RS-232 and CPU RS-232 Dual Micro USB for USB Display Port LEDs IPMI management control Debug (user defined) LED Mechanical Hot-swap ejector handle
FMC	On-board Dual FMC
RTM	Rear Zone 3 Connector (class D1.2 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.