

SPECIFICATIONS

Architecture		
Physical	Dimensions	Single module, mid-size
		Width: 2.89" (73.5 mm) Depth 7.11" (180.6 mm)
Type	AMC FPGA Carrier	Xilinx FPGA Kintex-7 Device
		Optional onboard CPU
		Single FMC slot
Two banks of DDR3 (64-bit and 16-bit)		
Standards		
AMC	Type	AMC.1, AMC.2, and AMC.4 (FPGA programmable)
Module Management	IPMI	IPMI v2.0
PCIe	Lanes	Dual x4 via FPGA to AMC
SRIO	Lanes	Dual x4 via FPGA to AMC
Ethernet	10 GbE and GbE	Dual 10GbE via FPGA and Dual 1000-BaseBX from PPC
Configuration		
Power	AMC517	Carrier is ~16W (without mezzanine) application specific
Environmental	Temperature	Operating Temperature: -5° to 55°C (air flow > 400LFM) industrial and extended versions also available (See environmental spec sheet)
		Storage Temperature: -40° to +85°C
	Vibration	Operating 9.8 m/s ² (1.0G), 5 to 500 Hz
	Shock	30Gs on each axis
Front Panel	Relative Humidity	5 to 95% non-condensing
	Interface Connectors	Front panel FMC
		LEDs
Software Support	Mechanical	Hot-swap ejector handle
	Operating System	Linux, VxWorks and Windows
Other		
MTFB	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 ISO9001:2015 and AS9100D standards	
Warranty	Two (2) years, see VadaTech Terms and Conditions	

INTEGRATION SERVICES AND APPLICATION-READY PLATFORMS

VadaTech has a full ecosystem of ATCA and MTCA products including chassis platforms, shelf managers, AMC modules, Switch and Payload Boards, Rear Transition Modules (RTM), 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.

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