

SPECIFICATIONS

Architecture			
Physical	Dimensions	Double module, mid-size (full-size optional)	
		Width: 5.486" (148.5 mm)	
		Depth 7.11" (180.6 mm)	
Type	AMC Data Processing Module	Xilinx Kintex-7 Device	
		DDR3 memory	
Standards			
AMC	Type	AMC.1, AMC.2, and AMC.4 (FPGA programmable)	
Module Management	IPMI	IPMI version 2.0	
PCIe	Lanes	4x Gen3	
Ethernet	GbE	1000-BaseT	
Configuration			
Power	CM045	<50 W	
Environmental	Temperature	Operating Temperature: -5° to 50°C (55°C for limited time, performance restrictions may apply), industrial and military versions also available (See environmental spec sheet)	
		Storage Temperature: -40° to +85°C	
		Vibration	Operating 9.8 m/s ² (1.0 G), 5 to 500Hz
		Shock	30Gs on each axis
	Relative Humidity	5 to 90 per cent, non-condensing	
Front Panel	Interface Connectors	Front panel 8 channel SFP+	
		Clock Input	
	LEDs	IPMI management control	
		Status/Activity	
	Mechanical	Hot swap ejector handle	
Conformal Coating		Humiseal 1A33 Polyurethane Optional	
		Humiseal 1B31 Acrylic (Optional)	
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		

INTEGRATION SERVICES AND APPLICATION-READY PLATFORMS

VadaTech has a full ecosystem of ATCA and μTCA 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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