

SPECIFICATIONS

Architecture			
Physical	Dimensions	Single module, mid-size (full-size optional)	
		Width 2.89" (73.5 mm) Depth 7.11" (180.6 mm)	
Type	AMC ADC	Quad ADC with Artix-7 FPGA (XC7A200T) 16-bit resolution per Port on ADC Internal/External clock with TRIG IN/OUT	
Standards			
AMC	Type	AMC.0, AMC.1, AMC.2, 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	
XAUI	Lanes	Dual Port XAUI	
Ethernet	Lanes	Dual GbE per AMC.1	
Configuration			
Power	AMC524	15W (Application Specific)	
Environmental	Temperature	Operating temperature: -5° to 45° C (55°C for limited time, performance restrictions may apply), industrial and extended versions also available (See environmental spec sheet) Storage Temperature: -40° to +85°C	
		Vibration	1G, 5 to 500 Hz on each axis
	Shock	30Gs each axis	
	Relative Humidity	5 to 95% non-condensing	
Front Panel	Interface Connectors	FPGA JTAG port via a flex cable 4 ADC and 2 DAC via SMPM connector FPGA and IPMI RS-232 via Micro USB Trigger I/O via SMPM	
		LEDs	IPMI Management Eight user defined LEDs
		Mechanical	Hot-Swap Ejector Handle
	Software Support	Operating Systems	Independent
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 ISO9001:2015 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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