

## Architecture

Physical	Dimensions	Double-width, Mid-Height with Full-Height option
		Width: 5.85 in. (148.5 mm) Depth: 7.11 in. (180.6 mm) 10 ADC and Dual DAC
Type	AMC ADC	16-bit resolution per port on ADC and 16-bit resolution on DAC
		External/Internal clock with Trig in/out QDR-II+

## Standards

µTCA	Type	µTCA.4 with RTM
AMC	Type	AMC.1 and AMC.2
Module Management	IPMI	IPMI Version 2.0
PCIe	Lanes	Dual x4 or x8
Ethernet	GbE	1000-BaseBX

## Configuration

Power	AMC520	Estimated 15W, application specific (up to 40W)
	Temperature	Operating Temperature: 0° to 65° C (Air flow requirement is to be greater than 400 LFM) Storage Temperature: -40° to +90° C
Environmental	Vibration	1G, 5-500Hz each axis
	Shock	30Gs each axis
Front Panel	Relative Humidity	5 to 95 percent, non-condensing
	Interface Connectors	FPGA JTAG port
		Debug/status LEDs 16 I/O pins
	LEDs	MMCX Trig in/out, clock in IPMI RS-232, FPGA RS-232 IPMI Management Control FPGA 8 user defined LED / 16 status LEDs / 16 PCIe signal detect LEDs
Software Support	Mechanical	Hot Swap Ejector Handle
	Operating Systems	Linux, Windows, Solaris and VxWorks

## Other

MTBF	MIL Handbook 217-F > TBD.
Certifications	Designed to meet FCC, CE and UL certifications where applicable
Standards	VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards
Compliance	RoHS and NEBS
Warranty	Two (2) years.
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