

Architecture

Physical	Dimensions	Single-width, Full-Height Width: 2.89 in. (73.5 mm) Depth: 7.11 in. (180.6 mm)
Type	AMC FPGA	Altera EP4S100Gx Devices

Standards

AMC	Type	AMC.1, AMC.2, and AMC.4 (FPGA programmable)
Module Management	IPMI	IPMI Version 2.0
PCIe	Lanes	x4 or x8
SRIO	Lanes	Dual x4
XAUI	Lanes	Dual port XAUI
Ethernet	GbE	Dual 1000-BaseBX from PPC or FPGA

Configuration

Power	AMC530	35W (FPGA size and application dependent)
	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
	Relative Humidity	5 to 95 percent, non-condensing
	Interface Connectors	Dual SPF+
Front Panel	LEDs	IPMI Management Control 3 user defined LED
	Mechanical	Hot Swap Ejector Handle
Software Support	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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