

## SPECIFICATIONS

Architecture		
Physical	Dimensions	Single module, full-size
		Width: 2.89" (73.5 mm)
Type	AMC FPGA Carrier	Depth 7.11" (180.6 mm)
		Xilinx Virtex-6 device with optional onboard CPU
		Four banks of DDR3
		Single FMC slot
PLL multiplier/divider with jitter cleaner		
Standards		
AMC	Type	AMC.1, AMC.2, and AMC.4 (FPGA programmable)
Module Management	IPMI	IPMI v2.0
PCIe	Lanes	x4 or x8
SRIO/Aurora	Lanes	Dual x4
XAUI	Lanes	Dual Port XAUI
Ethernet	GbE	Dual 1000-BaseBX from PPC or FPGA
Configuration		
Power	AMC514	Carrier is ~40W (without mezzanine) application specific
Environmental	Temperature	Operating Temperature: -5° to 55°C (air flow > 400LFM) industrial and military versions also available (See <a href="#">environmental spec sheet</a> )
		Storage Temperature: -40° to +85°C
		Vibration
Front Panel	Shock	30Gs on each axis
	Relative Humidity	5 to 95% non-condensing
	Interface Connectors	Front panel FMC
	LEDs	IPMI management control 8 user defined LEDs
Software Support	Mechanical	Hot-swap ejector handle
	Operating System	Linux, VxWorks and Windows
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 <a href="#">VadaTech Terms and Conditions</a>	
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