SPECIFICATIONS

Architecture		
Physical	Dimensions	Double module, full-size
		Width: 5.486" (148.5 mm)
		Depth 7.11" (180.6 mm)
Type	AMC Data Processing Module	Xilinx Virtex-5 XC5VFX100T
		DDR2 memory

Standards		
AMC	Type	AMC.2
MTCA	Type	MTCA.0
Module Management	IPMI	IPMI version 2.0
Ethernet	GbE	GbE on Ports 0 and 4

Configuration		
Power	CM044	36 watts
Environmental	Temperature	Operating Temperature: -5° to 55°C (air flow > 400LFM) industrial and military versions also available (See environmental spec sheet)
		Storage Temperature: –40° to +85°C
	Vibration	Operating 9.8 m/s² (1.0 G), 5 to 500Hz
	Shock	30Gs on each axis
	Relative Humidity	5 to 90 per cent, non-condensing
Front Panel	Interface Connectors	2x Dual VHDCI Connectors, RS-232 and Dual LEMO Connectors
	LEDs	IPMI management control
	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	Limited hardware warranty from VadaTech. Contact factory for details.
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