

Specifications

Architecture		
Physical	Dimensions	Single module, full-size, (8 HP optional) Width: 2.89" (73.5 mm) Depth: 7.11" (180.6 mm)
Type	AMC FPGA ADC/DAC	Xilinx UltraScale™ XCVU13P FPGA Single bank of DDR4 Dual ADC/Dual DAC
Standards		
AMC	Type	AMC.1, AMC.2 and AMC.4 (FPGA Programmable)
Module Management	IPMI	IPMI v2.0
PCIe	Lanes	Dual x4 via FPGA to AMC
SRIO/XAUI	Lanes	Dual x4 via FPGA to AMC
Ethernet	GbE and 10 GbE	Dual GbE and 10/40GbE
Configuration		
Power	AMC587	~55W application dependent (may go up to 75W)
Environmental	Temperature	See Ordering Options and Environmental Spec Sheet Storage Temperature: -40° to +85°C
	Vibration	Operating 9.8 m/s ² (1G), 5-500 Hz on each axis
	Shock	Operating 30Gs each axis
	Relative Humidity	5 to 95% non-condensing
Front Panel	Interface Connectors	11x SMPM Micro USBs for MGT RS-232 and FPGA RS-232 Mini DisplayPort for front panel I/O
	LEDs	IPMI management control 8 user defined LEDs and 1 Status
	Mechanical	Hot-swap ejector handle
Software Support	Operating System	Agnostic
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		Two (2) years, see VadaTech Terms and Conditions

INTEGRATION SERVICES AND APPLICATION-READY PLATFORMS

VadaTech has a full ecosystem of OpenVPX, ATCA and MTCA products including chassis platforms, shelf managers, AMC modules, Switch and Payload Boards, Rear Transition Modules (RTMs), 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.