

Specifications

Architecture		
Physical	Dimensions	Double module, mid-size (full-size optional) Width: 5.85" (148.5 mm) Depth 7.11" (180.6 mm)
Type	AMC FPGA	Xilinx UltraScale™ XCKU115 FPGA with PPC2040 Dual bank of DDR4
Standards		
AMC	Type	AMC.0, AMC.1, AMC.2 and AMC.4 (FPGA programmable)
Module Management	IPMI	IPMI v2.0
PCIe	Lanes	Dual x4 via FPGA to AMC
SRIO/Aurora	Lanes	Dual x4 via FPGA to AMC
Ethernet	10/40GbE and GbE	Dual 10/40GbE via FPGA and Dual 1000-BaseBX from PPC
Configuration		
Power	AMC583	~50W (without mezzanine) application specific
Environmental	Temperature	See Ordering Options and Environmental Spec Sheet Storage Temperature: -40° to +85°C
	Vibration	Operating 9.8 m/s ² (1G), 5 to 500Hz on each axis
	Shock	Operating 30Gs on each axis
	Relative Humidity	5 to 95% non-condensing
Front Panel	Interface Connectors	Dual FMC+ VITA 57.4 Micro USB for MGT RS-232 and CPU RS-232
	LEDs	IPMI management control 4 user defined LEDs
	Mechanical	Hot-swap ejector handle
Software Support	Operating System	Linux
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.