

Specifications

Architecture	
Physical	Dimensions Single module, mid-size (full-size and 8HP optional) Width: 2.89" (73.5 mm) Depth 7.11" (180.6 mm)
Type	AMC FPGA Stratix-10™ GX2800 FPGA
Memory	Dual bank of DDR4 (64-bit wide)
Standards	
AMC	Type AMC.0, AMC.1, AMC.2, AMC.3 and/or AMC.4
Module Management	IPMI IPMI v2.0
PCIe	Lanes Dual x4 via FPGA to AMC (4-11 option)
SRIO/Aurora	Lanes Dual x4 via FPGA to AMC (4-11 option)
Ethernet	1/10/40G Dual 1/10/40GbE via FPGA (Ports 0-1 and 4-11 option)
Configuration	
Power	AMC542 ~45W (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 500 Hz on each axis
	Shock 30G each axis
	Relative Humidity 5 to 95% non-condensing
Front Panel	Interface Connectors Dual micro USB for MGT RS-232 and FPGA RS-232 Dual SFP+
	LEDs IPMI management control Four 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.