

Specifications

Architecture	
Physical	Dimensions Single module, mid-size (full-size optional) Width: 2.89" (73.5 mm) Depth 7.11" (180.6 mm)
Type	AMC FPGA Arria-10™ SoC SX660 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 or x8 via FPGA to AMC
SRIO/Aurora	Lanes Dual x4 via FPGA to AMC
Ethernet	1/10/40GbE Dual 1/10/40GbE via FPGA (Ports 0-1 and 4-11)
Configuration	
Power	AMC535 ~30W (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 Single FMC slot
	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 ISO9001:2015 and AS9100D 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.