

Specifications

Architecture	
Physical	Dimensions Single module, full-size Width: 2.89" (73.5 mm) Depth 7.11" (180.6 mm)
Type	Controller MicroTCA Carrier Hub
Standards	
MTCA	Type MTCA.0 Revision 1.0
AMC	Type AMC.0
Module Management	IPMI IPMI v2.0 HPM v1.0
ATCA	Type PICMG 3.0 Revision 2.0
Configuration	
Power	UTC042 Option load dependent (as the MCMC and Shelf only < 4W)
Environmental	Temperature See Ordering Options Storage Temperature: -40° to +85°C
	Vibration Operating 9.8 m/s ² (1G), 5 to 500 Hz on each axis
	Shock 30Gs each axis
	Relative Humidity 5 to 95% non-condensing
Front Panel	Interface Connectors RS-232 console port (RJ-45) for serial console and option for GPS NMEA serial data in/out Out-of-band LAN 10/100 from MCMC/Shelf Manager (RJ-45) Two in-band 100/1000/10G from Base Switch Fabric (RJ-45) Two CLK IN/OUT (SMB); CLK IN becomes GPS ANT IN with GPS receiver option Expansion for PCIe Gen 3, SRIO Gen 2, 40GbE, CBS: QSFP+, dual SFP+, Dual RJ-45
	LEDs IPMI Management Control LNK/ACT, OOB PCIe error, ACTIVE MCMC, GPS receiver status, Clock: Ref Good, Freq Lock, Phase Lock, additional LEDs per each fat pipe fabric type
	Mechanical Hot-swap ejector handle with +/-15KV ESD protection
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.