

Specifications

Architecture	
Physical	Dimensions Single module, full-size Width: 2.89" (73.5 mm) Depth 7.11" (180.6 mm)
Type	Controller MTCA Carrier Hub (MCH)
Standards	
MTCA	PICMG MicroTCA.0 Revision 1.0
ATCA	PICMG 3.0 Revision 2.0 (AdvancedTCA)
AMC	AMC.0
Module Management	HPM HPM.1 Revision 1.0 IPMI IPMI v2.0
Configuration	
Power	UTC002 Option load dependent (as the MCMC and Shelf only < 3W)
Environmental	Temperature See ordering options and environmental spec sheet Storage Temperature: -40° to +85°C Altitude 40,000 ft non-operating Vibration Operating 9.8 m/s ² (1G), 5 to 500 Hz on each axis Shock Operating 30Gs on each axis Relative Humidity 5 to 95% non-condensing
Front Panel	Interface Connectors RS-232 port (RJ-45) for serial console Out-of-band LAN 10/100 from MCMC/Shelf Manager (RJ-45) Two in-band 100/1000 from Base Switch Fabric (RJ-45) External reference clock (SMB) Fabric – PCIe Gen 3, SRIO or XAUI (QSFP+ or SFP+) LEDs IPMI management control (Blue, Red, Amber and Green) LNK/ACT, OOB PCIe error, ACTIVE MCMC, Clock: Ref Good, Frequency Lock, Phase Lock, additional LEDs for each fat pipe fabric type Mechanical Hot swap ejector handle with +/-15 KV ESD protection Temperature Sensor Multiple temperature sensors on-board
Other	
MTBF	MIL Hand book 217-F@ TBD hrs
Certifications	Designed to meet FCC, CE and UL certifications, where applicable
Compliance	RoHS
Standards	VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards
Warranty	Two (2) years

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.