

# Specifications

Architecture	
<b>Physical</b>	<b>Dimensions</b> Double module, full-size Width: 5.85" (148.5 mm) Depth 7.11" (180.6 mm)
<b>Type</b>	<b>Controller</b> MicroTCA Carrier Hub
Standards	
<b>MTCA</b>	<b>Type</b> MTCA.0 Revision 1, MTCA.1 and MTCA.4
<b>AMC</b>	<b>Type</b> AMC.0, AMC.2, AMC.3 and/or AMC.4
<b>Module Management</b>	<b>IPMI</b> IPMI v2.0 HPM v1.0
<b>ATCA</b>	<b>Type</b> PICMG 3.0 Revision 2.0
Configuration	
<b>Power</b>	<b>UTC006</b> Option load dependent (as the MCMC and Shelf only < 4W, up to 80W)
<b>Environmental</b>	<b>Temperature</b> See <a href="#">Ordering Options</a> Storage Temperature: -40° to +85°C <b>Vibration</b> Operating 9.8 m/s <sup>2</sup> (1G), 5 to 500 Hz on each axis <b>Shock</b> 30Gs each axis <b>Relative Humidity</b> 5 to 95% non-condensing
<b>Front Panel</b>	<b>Interface Connectors</b> RS-232 serial console port (RJ-45) 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 Quad SFF-8644 for PCIe Gen 3 expansion <b>LEDs</b> 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 pipes fabric type <b>Mechanical</b> Hot-swap ejector handle
<b>Software Support</b>	<b>Operating System</b> Linux and Windows
Other	
<b>MTBF</b>	MIL Hand book 217-F@ TBD hrs
<b>Certifications</b>	Designed to meet FCC, CE and UL certifications, where applicable
<b>Standards</b>	VadaTech is certified to both the ISO9001:2015 and AS9100D standards
<b>Warranty</b>	Two (2) years, see <a href="#">VadaTech Terms and Conditions</a>

## 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.