

SPECIFICATIONS

Architecture		
Physical	Dimensions	Double module, mid-size
		Width: 5.85" (148.5 mm)
		Depth: 7.11" (180.6 mm)
Type	Controller	µTCA Carrier Hub (MCH) – Conduction Cooled
Standards		
µTCA	Type	µTCA.3
AMC	Type	AMC.0 Revision 1
Module Management	IPMI	IPMI Version 2.0
	HPM	HPM.1 Revision 1.0
Configuration		
Power	UTC040C	45W with PCIe Fabric (without PCIe Fabric, GbE only 20W)
Environmental	Temperature	Operating temperature: -40° to 80° C (performance restrictions may apply) (See environmental spec sheet)
		Storage Temperature: -45° to +95° C
	Vibration	MIL-STD-810E Method 514.4 Procedure 1, Cat. 4 propeller, Cat. 5 Jet aircraft Cat. 6 helicopter
	Shock	MIL-STD-810 Method 516.4 Procedure 1 20g, ½ sine, 11 ms
	Relative Humidity	5 to 95 percent, non-condensing
Front Panel	Interface Connectors	RS-232 console port (RJ-45) for serial console
		Out-of-band LAN 10/100 from MCMC/Shelf Manager (RJ-45)
		12 in-band 10/100/1000GbE from Base Switch Fabric (MRJ-21)
	LEDs	IPMI Management Control: Blue, Red, Amber, Green
		Link and Activity LEDs for each RJ-45
Mechanical	Dual wedge lock	
	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	
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 ATCA and µTCA products including chassis platforms, shelf managers, AMC modules, Switch and Payload Boards, Rear Transition Modules (RTM), 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.

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