

VT841 – μ TCA 1U Chassis Platform, 6 AMC Slots

SPECIFICATIONS

Architecture		
Physical	Dimensions	Height 1U
		Width 19"
		Depth 13" (300 mm)
Type	μ TCA Chassis	Six AMC.0 single module, mid-size slots
Standards		
AMC	Type	AMC.0, AMC.1, AMC.2, AMC.3 and AMC.4
μ TCA	Type	MicroTCA.0
Module Management	IPMI	IPMI version 2.0
PCIe	Lanes	PCIe x1, x2, x4 or x8 lanes on each AMC slot
SRIO	Lanes	Each AMC slot has two x4 (ports 4-7 and 8-11)
10 GbE	Lanes	Each AMC slot has a dual XAUI interface (ports 4-7 and 8-11)
GbE	Lanes	Two GbE SerDes per AMC (ports 0 and 1)
Telecom Clock	MVLDS	TCLKA, TCLKB, TCLKC and TCLKD per AMC.0
Fabric Clock	HCSL	100 MHz HCSL per AMC.1
Configuration		
Power	VT841	300W AC supply, 110 to 240 VAC with frequency from 47 to 63 Hz or
		398W DC: -36V to -75V
Environmental	Temperature	Operating Temperature: 0° to 55° C
		Storage Temperature: -40° to +70° C
	Altitude	10,000 ft operating
		40,000 ft non-operating
Relative Humidity	5 to 95 percent, non-condensing	
Front Panel	LEDs	IPMI management LEDs, Activity, Link and PCIe Good Lane
	Interface	MGT 10/100, MGT RS-232, PM RS-232, JTAG, Telco Alarm, Clocks, Dual GbE via RJ-45, and Chassis Locator switch
Conformal Coating		Humiseal 1A33 Polyurethane (Optional)
		Humiseal 1B31 Acrylic (Optional)
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 μ TCA 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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