

# Low cost 1U $\mu$ TCA Chassis with 2 AMC slots and integrated option for Dual 2.5" SATA/SAS Disk

## SPECIFICATIONS

Architecture		
		Height 1U
Physical	Dimensions	Width: 19" with extension to fit into a 23" Telco shelf
		Depth 13" (330 mm)
Type	AMC Carrier	Two AMC.0 mid-height single-width or double-width
Standards		
AMC	Type	AMC.1, AMC.2, AMC.3 and AMC.4
PCIe	Lanes	PCIe x1, x2, x4 or x8 lanes between the two slots
SRIO	Lanes	Dual x4 connection between the two slots
10GbE	Lanes	Dual XAUI interface between the two slots
GbE	1000-BX	Two GbE SerDes per slot routed to the GbE switch or to the front
SATA/SAS	Lanes	Routed point to point between the two slots or dual 2.5" disk
Fabric Clk	HCSL	Per AMC.1 100 MHz HCSL
Module Management	IPMI	IPMI Version 2.0
Configuration		
Power	VT855	300W AC supply, input 110-240VAC with frequency from 47-63Hz
		216W DC supply, input supply from -36 to -75V DC
Environmental	Temperature	Operating Temperature: -5° to 60° C
		Storage Temperature: -40° to +90° C
	Vibration	0.5Gs RMS, 20-2000Hz random (Operating): 6Gs RMS (non-operating)
	Shock	30Gs each axis
Conformal Coating	Relative Humidity	5 to 90 percent RH, non-condensing
		Humiseal 1A33 Polyurethane
		Humiseal 1B31 Acrylic
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	
Compliance	RoHS, GR63, GR1089 (NEBS Level 3)	
Warranty	Two (2) years	
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