VT994

2 Slot ATCA Backplane

VT994

Key Features

- AdvancedTCA Backplane
- Dual slots
- Base and Fabric Channels
- IPMI version 2.0
- RoHS compliant

Benefits

- Full ecosystem of AdvancedTCA switches, processors, chassis platforms, and specialty blades
- Design utilizes proven VadaTech subcomponents and engineering techniques
- Electrical, mechanical, software, and system-level expertise in house
- AS9100 and ISO9001 certified company

AdvancedTCA®

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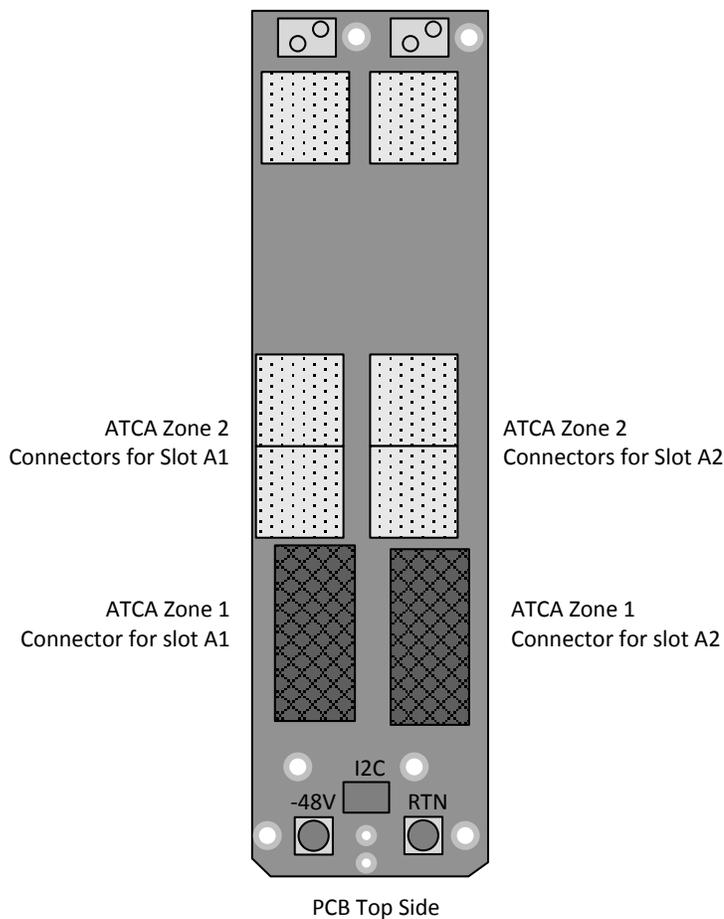THE POWER OF VISION

VT994

The VT994 is a two slot ATCA backplane providing IPMB, base channels and fabric channels between the slots. The two slot backplane is routed specifically to mate with the ART119.

PCB Views

ATCA Zone 2
Connectors for Slot A1

ATCA Zone 2
Connectors for Slot A2

ATCA Zone 1
Connector for slot A1

ATCA Zone 1
Connector for slot A2

I2C

-48V   RTN

PCB Top Side

EBBI
Connector

PCB Bottom Side

Specifications

Architecture		
Physical	**Dimensions**	Width: 8.95" (227.33 mm)
		Height: 2.38" (60.65 mm)
Type	**ATCA Backplane**	2 Slots
Standards		
PICMG	**ATCA**	PICMG 3.0 revision 2.0
Module Management	**IPMI**	IPMI version 2.0
Configuration		
Power	**VT994**	0 W (the module has no active components on board)
Environmental	**Temperature**	Operating temperature: -5° to 45° C (55°C for limited time, performance restrictions may apply), industrial versions also available (See environmental spec sheet)
		Storage Temperature: –40° to +90°C
	Vibration	Operating 9.8 m/s² (1G), 5 to 500Hz on each axis
	Shock	Operating 325G / 2 ms, 160G / 1 ms
	Relative Humidity	5 to 95 per cent, non-condensing
Front Panel	**Interface Connectors**	ATCA Zone 1 and Zone 2 connectors
	Mechanical	None
Software Support	**Operating System**	Not applicable
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 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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Ordering Options

VT994 – 000-000-00J

		J = Conformal Coating
		0 = No coating 1 = Humiseal 1A33 Polyurethane 2 = Humiseal 1B31 Acrylic

Related Products

ART119

- AdvancedTCA RTM
- Dual DB-9 for USB
- DB-15 for IPMI output

ATC126

- Dual 14-core Intel® Xeon® E5-2658, 2680 or 2648L v4 processors
- Eight banks of DDR4 for up to 256 GB memory
- 10/40GbE Fabric channels

VT830

- 19" rackmount 6U ATCA Chassis with integrated Switch and Shelf Manager
- 10GbE/GbE Managed Layer 2
- 40GbE/10GbE/GbE Managed Layer 3

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