VT980

2 Slot ATCA Backplane

VT980

Key Features

- AdvancedTCA Backplane
- Dual slots
- Full Mesh between the two slots

Benefits

- Design utilizes proven VadaTech subcomponents and engineering techniques
- Electrical, mechanical, software, and system-level expertise in house
- Full system supply from industry leader
- AS9100 and ISO9001 certified company

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VT980

The VT980 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 ART980A.

Figure 1: VT980 Front View

Figure 2: VT980 Rear View

Specifications

Figure 3: VT980 Chassis Layout Front View

Figure 4: VT980 Chassis Layout Rear View

Specifications

Architecture		
Physical	**Dimensions**	Width: 4.3" (109.22 mm)
		Height: 8.92" (226.5 mm)
Type	**ATCA Backplane**	2 Slots
Standards		
PICMG	**ATCA**	PICMG 3.0 Revision 2.0
Module Management	**IPMI**	IPMI v2.0
Configuration		
Power	**VT980**	0W (the module has no active components onboard)
Environmental	**Temperature**	See Ordering Options
		Storage Temperature: –40° to +90°C
	Vibration	Operating 9.8 m/s^2 (1G), 5 to 500 Hz on each axis
	Shock	Operating 325G/2 ms, 160G/1 ms
	Relative Humidity	5 to 95% non-condensing
Front Panel	**Interface Connectors**	ATCA Zone 1 and Zone 2 connectors
	Mechanical	None
Software Support	**Operating System**	N/A
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 ISO9001:2015 and AS9100D standards
Warranty		Two (2) years, see VadaTech Terms and Conditions

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.

Ordering Options

VT980 – 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

Contact

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