VadaTech
THE POWER OF VISION

ATCA Base & Fabric Debug

KEY FEATURES

- AdvancedTCA Test and Development board
- Routes Base and Fabric channels to the front panel for debugging
- Form factor compliant to PICMG 3.0 R3.0 Specification
- Dual SFP+ ports (fabric)
- Dual RJ45 (base)
- Dual RS-232 ports (IPMI, management)
- IPMI version 2.0
- RoHS compliant

AdvancedTCA®

Benefits of Choosing VadaTech

- Convenient test & development board for routing base and channel to the front panel
- Design utilizes proven VadaTech subcomponents and engineering techniques
- Electrical, mechanical, software, and system-level expertise in house
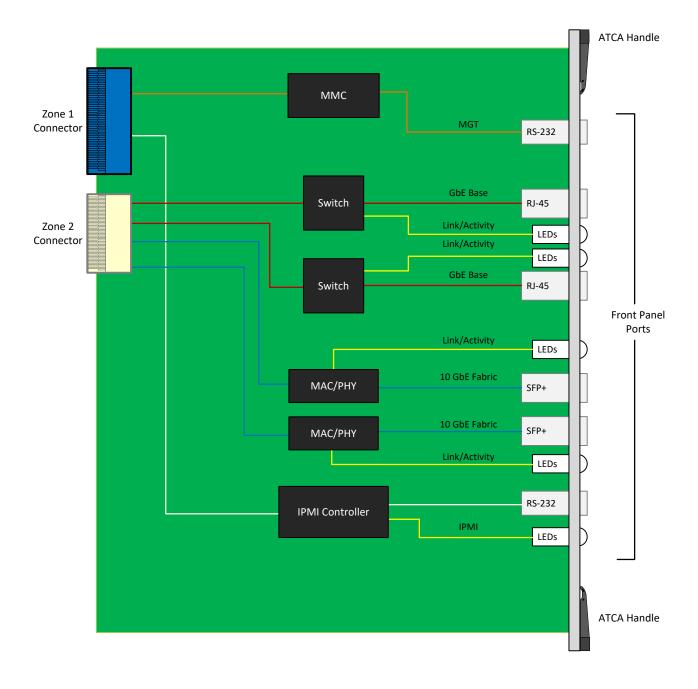- AS9100 and ISO9001 certified company

The ATC002 is a test infrastructure board for debugging the Base and Fabric channels. The board routes the channels to the front panel for easy access. Dual RS-232 ports are also available for IPMI and local management access

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.

BLOCK DIAGRAM

SPECIFICATIONS

Architecture		
Physical	Dimensions	8U x 280mm
Type	ATCA Test Infrastructure	ATCA Blade
Standards		
ATCA	Type	PICMG 3.0 R3.0
Configuration		
Power	ATC002	TBD Watts
Environmental	Temperature	Operating Temperature: -5° to 55° C (air flow requirements >400 LFM))
		Storage Temperature: –40° to +85° C
	Vibration	1G, 5 to 500 Hz on each axis
	Shock	30Gs each axis
	Relative Humidity	5 to 95 percent, non-condensing
Front Panel	Interface Connectors	Dual SFP+
		Dual RJ-45
		Dual RS-232
	LEDs	IPMI Management Control
		Link/Activity and Status
	Mechanical	Hot Swap Ejector Handle
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	
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PANEL VIEW

ORDERING OPTIONS

ATC002 – 000 – 000 – 00J

J = Conformal Coating
0 = None
1 = Humiseal 1A33 Polyurethane
2 = Humiseal 1B31 Acrylic

RELATED PRODUCTS

| **ATC000**
ATCA Test for Shock/Vib | **ATC001 ATCA IPMI**
Test Suite | **VT000 ATCA Power**
Module for Test |

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