ATC998 – ATCA Ethernet Pass-through Front Board

ATCA Ethernet Pass-through

KEY FEATURES

- Ethernet Pass-through front board
- Eight RJ-45 for front panel access
- Ethernet signals routed to Zone 3 connector
- Designed to mate with ART998 (RTM)
- RoHS compliant
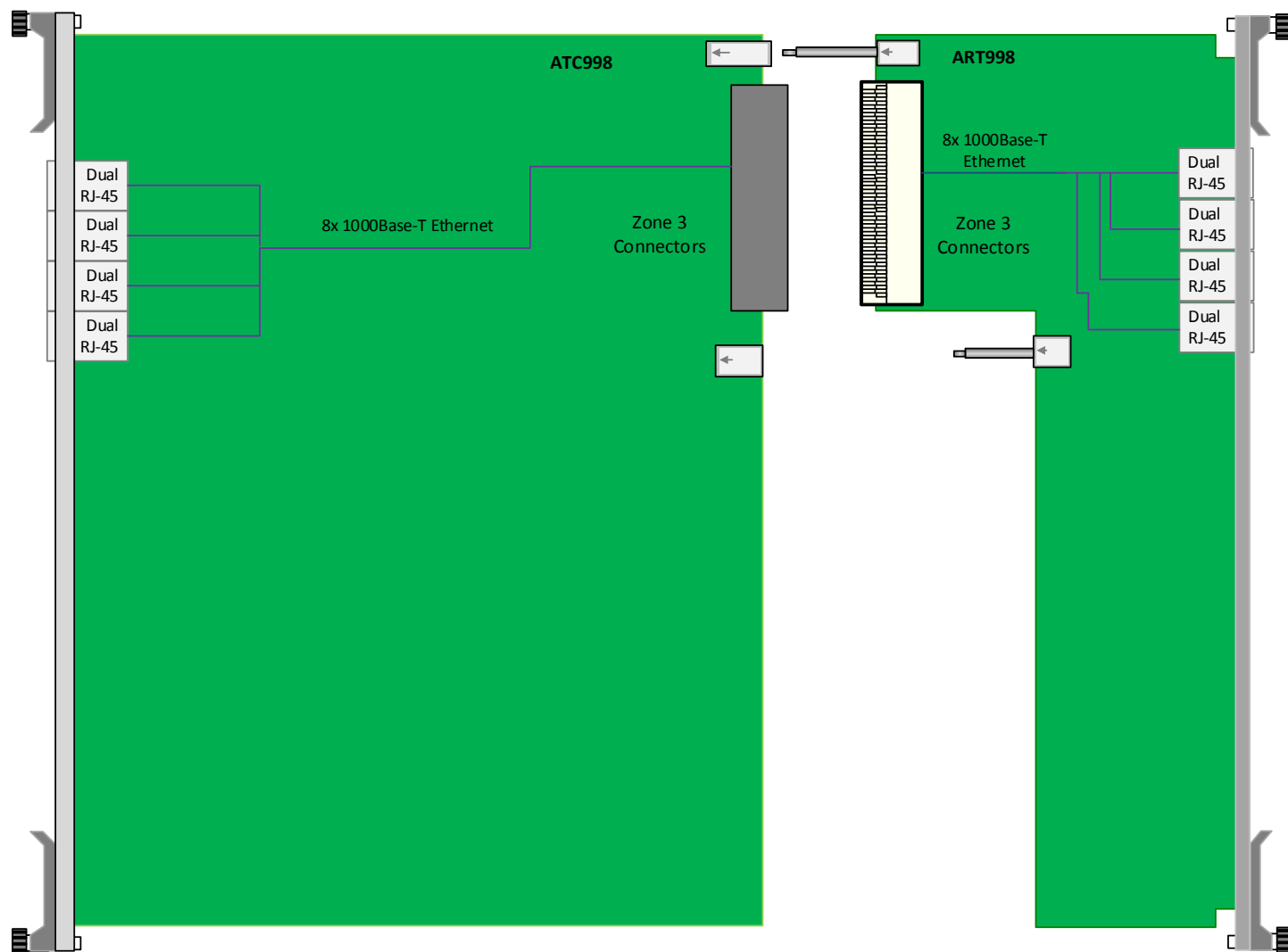
Benefits of Choosing VadaTech

- Electrical, mechanical, software, and system-level expertise in house
- Full ecosystem of front and rear boards, enclosures, specialty modules, and test/dev products from one source
- AS9100 and ISO9001 certified company

The ATC998 is an Advanced Telecommunication Computing Architecture (ATCA) pass through module for GbE. The ATCA998 routes 8x 1000Base-T Ethernet from the front panel to a Rear Transition Module (RTM) through the Zone 3 connector. This eliminates cabling from the top or side of the chassis hence a more robust integration.

Front panel Ethernet access is provided through eight RJ-45 ports.

The ATC998 is designed to mate with the Vadatech Rear Transition Module (RTM) ART998.

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BLOCK DIAGRAM

ATC998

ART998

Dual RJ-45
Dual RJ-45
Dual RJ-45
Dual RJ-45

8x 1000Base-T Ethernet

Zone 3 Connectors

8x 1000Base-T Ethernet

Zone 3 Connectors

Dual RJ-45
Dual RJ-45
Dual RJ-45
Dual RJ-45

SPECIFICATIONS

Architecture		
Physical	Dimensions	Width: 12.68" (322.25 mm)
		Depth: 11.02" (280 mm)
Type	ATCA	Ethernet Pass-through front board
Standards		
Module Management	IPMI	IPMI version 2.0 and PICMG 3.0
Ethernet	1000Base-T	Eight ports
PICMG	ATCA	PICMG 3.0 R3.0
Configuration		
Power	Power consumption	0 W
Environmental	Temperature	Operating Temperature: -45° to 85°C
		Storage Temperature: –40° to +90°C
	Vibration	0.5G, 5 to 500 Hz on each axis
	Shock	20 Gs peak, 11 ms duration, non-operational
	Relative Humidity	5 to 95 per cent, non-condensing
Front Panel	Interface Connectors	Eight RJ-45
	Ejector Handles	Hot swap ejector handle
Software Support	Operating System	Independent
Other		
MTBF	MIL Handbook 217-F@TBD Hrs	
Certifications	Designed to meet FCC, CE and UL certifications where applicable	
Compliance	PICMG 3.0 Rev 3.0, RoHS 2.	
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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THE POWER OF VISION

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ORDERING OPTIONS

ATC998 – 000 – 000 – 00J

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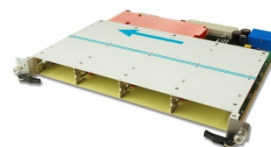1 = Humiseal 1A33 Polyurethane
2 = Humiseal 1B31 Acrylic

RELATED PRODUCTS

VT830 – 6U ATCA Shelf

**ATC136 – 2.6 GSPS
A/D Converter**

**ATC133 – 10G Switch/Carrier
+ FPGA**

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