ART998 – ATCA Rear Transition Module (RTM) for ATC998

KEY FEATURES

- ATCA RTM for VadaTech ATC998
- Eight RJ-45 for GbE
- RoHS compliant

Benefits of Choosing VadaTech

- Expertise in RTM design
- Full ecosystem for ATCA (Chassis, Shelf Manager, switches, etc.)
- Design utilizes proven VadaTech subcomponents and engineering techniques
- Electrical, mechanical, software, and system-level expertise in house
- AS9100 and ISO9001 certified company

The ART998 is an Ethernet pass-through ATCA Rear Transition Module (ARTM) that provides GbE to the rear. The module is designed to mate with VadaTech ATC998 front board.

ART998 provides GbE access via eight RJ-45 ports to the rear. The GbE ports are routed from the front board through the Zone 3 connector.
Figure 1: Functional Block Diagram
ART998 – ATCA Rear Transition Module (RTM) for ATC998

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Architecture</th>
<th>Physical</th>
<th>Dimensions</th>
<th>Width 12.69” (322.25 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Depth</td>
<td>3.7” (94 mm)</td>
</tr>
<tr>
<td>Type</td>
<td>ATCA RTM</td>
<td>I/O module</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Standards</th>
<th>Module Management</th>
<th>IPMI</th>
<th>IPMI Version 2.0</th>
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<tbody>
<tr>
<td>Ethernet</td>
<td>GbE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PICMG</td>
<td>ATCA</td>
<td>PICMG 3.0 R2.0</td>
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<table>
<thead>
<tr>
<th>Configuration</th>
<th>Power</th>
<th>ART998</th>
<th>0 W</th>
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<tbody>
<tr>
<td>Environmental</td>
<td>Temperature</td>
<td>Operating Temperature: -40° to 85° C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Storage Temperature: -45° to +90° C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vibration</td>
<td>1G, 5 to 500 Hz on each axis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shock</td>
<td>30Gs each axis</td>
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<td></td>
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<tr>
<td>Relative Humidity</td>
<td>5 to 95 percent, non-condensing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rear I/O</td>
<td>GbE</td>
<td>Eight RJ-45 ports</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mechanical</td>
<td>Hot Swap Ejector Handle</td>
<td></td>
</tr>
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</table>

| 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
ART998 – 000 – 000 – 00J

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

RELATED PRODUCTS
ATC133 10GbE ATCA Carrier
VT830 6U ATCA SlotSaver Shelf
ART132 ATCA RTM

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