VT980

2 Slot ATCA Backplane

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
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

<table>
<thead>
<tr>
<th>Architecture</th>
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<tbody>
<tr>
<td>Physical</td>
<td>Dimensions</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>ATCA Backplane</td>
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<tr>
<td>Standards</td>
<td>2 Slots</td>
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</tbody>
</table>

| 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/s² (1G), 5 to 500 Hz on each axis |
| | Shock | Operating 325G/2 ms, 160G/1 ms |
| Front Panel | Interface Connectors | ATCA Zone 1 and Zone 2 connectors |
| 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

<table>
<thead>
<tr>
<th>J = Conformal Coating</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = No coating</td>
</tr>
<tr>
<td>1 = Humiseal 1A33 Polyurethane</td>
</tr>
<tr>
<td>2 = Humiseal 1B31 Acrylic</td>
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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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