

Specifications

| Architecture | | |
|--------------------------|-----------------------------|--|
| Physical | Dimensions | Single module, mid-size (full-size optional) Width: 2.89" (73.5 mm) Depth 7.11" (180.6 mm) |
| Type | | PCIe and Ethernet to the backplane |
| | Precision MEMS IMU | Based on the Analog Device part number ADIS16505 |
| Standards | | |
| AMC | Type | AMC.0 and AMC.1 |
| Module Management | IPMI | IPMI version 2.0 |
| PCIe | Lanes | x2 via mux to either ports 4-5 or 8-9 |
| Configuration | | |
| Power | AMC332 | 3W |
| Environmental | Temperature | Operating temperature: -5° to 45° C (55°C for limited time, performance restrictions may apply), industrial and extended versions also available (See environmental spec sheet) Storage Temperature: -40° to +85°C |
| | Vibration | Operating 9.8 m/s ² (1G), 5 to 500Hz on each axis |
| | Shock | Operating 30G on each axis |
| | Relative Humidity | 5 to 95 per cent, non-condensing |
| Front Panel | Interface Connectors | Dual Micro-USB RS-232 |
| | LEDs | IPMI management control |
| | Mechanical | Hot swap ejector handle |
| Software Support | Operating System | Linux |
| Conformal Coating | | Humiseal 1A33 Polyurethane (Optional) Humiseal 1B31 Acrylic (Optional) |
| 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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