

Specifications

| Architecture | | |
|-----------------------|--|---|
| Physical | Dimensions | 3U, 1" pitch |
| Configuration | | |
| Power | VPX529 | TBD (dependent on FPGA load and FMC) |
| | FPGA | Xilinx Virtex-7 (XC7VX690T) |
| Front Panel | Memory | 432 Mb QDDR2+ (3 x 36-bit) and 1 GB DDR3 (16-bit) |
| | SSMC | Dual ADC, CLK IN, TRIG IN |
| | Display Port | LVDS I/O |
| | Micro USB | RS-232 from FPGA and RS-232 from Health Management |
| | LEDs | User defined by the FPGA and Health Management |
| VPX Interfaces | Slot Profiles | See Ordering Options |
| | Rear IO | Dual x4 fabric on P1 (PCIe Gen3/10GbE/40GbE/SRIO per FPGA load) |
| | | Dual GbE on P1 |
| | Power Supplies | Dual x4 fabric on P2 (optional) On P0: VS1 = 12V |
| 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.