

# Specifications

|                       |  |   |
|-----------------------|--|---|
| <b>Architecture</b>   |  |   |
| <b>Physical</b>       | <b>Dimensions</b>  | 3U, 1" pitch  |
| <b>Configuration</b>  |  |   |
| <b>Power</b>          | <b>VPX754</b>  | ~55W  |
| <b>Processor</b>      | <b>CPU</b>   | Intel® 5th Generation Xeon D-1539, D-1548 or D-1577                       |
|                       | <b>Memory</b>  | DDR4 16 GB with ECC, Flash  |
| <b>PCIe</b>           | <b>Lanes</b>   | Gen3 dual x4 or single x8   |
|                       | <b>Platform Control Hub (PCH)</b>                                    | Integrated  |
| <b>Front Panel</b>    | <b>Memory</b>  | BIOS flash  |
|                       | <b>10GbE</b>   | 1x 10GbE via RJ-45  |
|                       | <b>Video</b>   | 1x micro HDMI   |
|                       | <b>Micro USB</b>   | RS-232 from CPU and RS-232 from Health Management                         |
|                       | <b>USB</b>   | 1x USB 2.0  |
| <b>VPX Interfaces</b> | <b>LEDs</b>  | User defined by CPU and Health Management                                 |
|                       | <b>Slot Profiles</b>   | See <a href="#">Ordering Options</a>                                      |
|                       | <b>Rear IO</b>   | PCIe Gen3 x8 on P1, configurable as 1 x8 or 2 x4                          |
|                       |  | Dual SATA on P1<br>Dual GbE on P1   |
|                       | <b>Power Supplies</b>  | On P0: VS1 = 12V  |
| <b>Software</b>       | <b>OS Support</b>  | Linux default, contact Sales for VxWorks and Windows support requirements |
| <b>Other</b>          |  |   |
| <b>MTBF</b>           | MIL Hand book 217-F@ TBD hrs   |   |
| <b>Certifications</b> | Designed to meet FCC, CE and UL certifications, where applicable     |   |
| <b>Standards</b>      | VadaTech is certified to both the ISO9001:2015 and AS9100D standards |   |
| <b>Warranty</b>       | Two (2) years, see <a href="#">VadaTech Terms and Conditions</a>     |   |

## 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.