

3U VPX Rear IO Transition Module for VPX3-VERSA2

Overview

The **RTM-VERSA2-A** is a 3U VPX Rear IO Transition Module for the VPX3-VERSA2 3U VPX AMD Versal Prime module from PanaTeQ.

A PCIe x4 Gen4 bVME M2.2042 slot is available for SSD storage. The following interfaces are available through the **Rear Panel** connectors:

- 2x Ethernet 100/1000BaseT RJ-45 connectors
- 2x USB 2.0 Type-A stacked connectors
- 1x micro USB UART Zynq
- 1x micro USB UART BMC
- 20-pin for 16x GPIOs
- 10-pin 2x RS-232/422/485 + 2x CAN-bus
- 14-pin standard Xilinx JTAG Prog/Debug
- Battery Socket VPX VBAT
- Push-Button VPX SysReset
- Main VPX Power Monitoring (VS1, VS2, VS3)

Key Features

- 3U VPX RTM (100 x 81.5 mm)
- VITA 46.0, 46.10, 65.0 specifications compliant
- 1 Inch Rear Panel Width
- Dual 100/1000 Base-T RJ-45 with status Leds connectors
- Dual USB 2.0 Type-A stacked connectors
- nVME PCIe x4 Slot M2.2042
- Micro USB on-board vertical UART for Versal
- Micro USB on-board vertical UART for BMC/IPMIC
- 8x LVDS / 16x GPIOs on-board 20-pin vertical connector
- 4x RS-232/422/CAN on-board 16-pin vertical connector
- Power Monitor (VS1, VS2, VS3) with status LEDs
- On-board Xilinx JTAG Programming/Debugging connector
- On-board Push-Button VPX SysReset
- On-board Socket for Battery sourcing VPX VBAT

Ordering Information

- RTM-VERSA2-A : RTM for VPX3-VERSA2 with 1.0 inch Front-Panel

Contact Information

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