



Applications

- ADM-VPX3-9Z2 Testing/Debug
- 1G Ethernet Connectivity
- External Display Interface
- USB Mouse/Keyboard Connectivity
- GPIO

Summary

The **ADM-VPX3-9Z2-RTM** is a 3U, VPX, Rear Transition Module (RTM) designed to interface with Alpha Data ADM-VPX3-9Z2 Zynq Ultrascale+ FPGA board.

The RTM provides complete breakout of all backplane signals providing the user with complete flexibility during development and debug. Dual Gigabit Ethernet ports (including PHY), Display Port Interface, dual USB Type A sockets, internal header for GPIO connectivity, dual COMs ports (1xRS232 1xRS485/RS232). Internal SATA port (SATA Revision 3.1)

Deliverables

ADM-VPX3-9Z2-RTM Board
One Year Warranty
One Year Technical Support

Board Features

- 1G Ethernet RJ45
- USB sockets
- Display Port Interface
- GPIO Header

Board Format

VPX 3U Rear Transition Module

Input/Output Interfaces

2x USB Communications

2x Gigabit Ethernet Interfaces

1x External display output interface (Display Port)

2x RS485/RS232 Communications

1x SATA Interface

24x Single Ended GPIO

Environmental Specification

Temperature Ranges

Cooling Option	Operating Temperatures		Storage Temperatures	
	Min	Max	Min	Max
AC1	-40°C	70°C	-55°C	100°C
CC1	-40°C	70°C	-55°C	100°C

Operating Humidity : Up to 95% (non-condensing)

EMC Standards

FCC 47CFR Part 2
EN55022:2010 Equipment ClassB

Ordering Information

Order Code: ADM-VPX3-9Z2-RTM(c)(a)

Option	Code	Description of Options
Cooling	c	/AC1 = air cooled Industrial, /CC1 = conduction cooled industrial
Conformal Coating	a	blank = no conformal coating, A = Acrylic, P = Polyurethane

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