

AD01355



Applications

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

Board Features

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

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 Format

VPX 3U Rear Transition Module

Input/Output Interfaces

Comms

USB Communications

Gigabit Ethernet

Gigabit Ethernet Interfaces

Display

External display output interface (Display Port)

Comms

RS485/RS232 Communications

External Storage

SATA Interface

Discrete I/O

Single Ended GPIO

Environmental Specification

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

UK Office

Address: Suite L4A, 160 Dundee Street,
 Edinburgh, EH11 1DQ, UK
 Telephone: +44 131 558 2600
 Fax: +44 131 558 2700
 email: sales@alpha-data.com

USA Office

611 Corporate Circle, Suite H
 Golden, CO 80401
 (303) 954 8768
 (866) 820 9956 - toll free
 sales@alpha-data.com