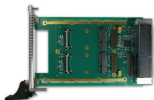


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Prime Application

Industrial Air-cooled or conduction-cooled
VPX Systems

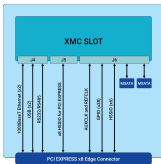
Summary

The **ADC-VPX3-7Z1** is an Open VPX compliant XMC carrier designed to host the Alpha Data ADM-XRC-7Z1 Zynq based mezzanine card.

Features include **OpenVPX compliant** PCI Express capable interface, dual mSATA and backplane access to all of the ADM-XRC-7Z1 rear IO interfaces

Board Features

- Dual mSATA Sockets



Deliverables

ADC-VPX3-7Z1 Board
One Year Warranty
One Year Technical Support

Host Interface

XMC Dependent

Input/Output Interfaces

PCI Express

PCI Express Link to XMC

High-speed comms

HSIO lanes

Comms

1000Base-T Ethernet
USB
RS232
RS232/RS485

Discrete

General Purpose I/O

mSATA

Full size mSATA sites

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

Support

Appears transparent to the system so no extra software required beyond the SDK and drivers for the XMC boards

Board Format

3U VPX
(Open/VPX Compliant) ERROR ERROR ERROR ERROR

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

Conformal Coating Options

Acrylic or Polyurethane
Contact sales for specification of coatings.

Ordering Information

Order Code: ADC-VPX3-7Z1(c)(a)(t)

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
XMC Connector Type	t	blank = XMC (VITA 42) Connectors , /X2 = XMC2 (VITA 61) Connectors