ADC-VPX3-7Z1

Industrial Air-cooled or conduction-cooled VPX Systems

Board Features

- Dual mSATA Sockets

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

Deliverables

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

Host Interface

XMC Dependent

Board Format

3U VPX (OpenVPX Compliant)

Input/Output Interfaces

8x PCI Express Link to XMC

6x HSSSIO lanes

2x 1000Base-T Ethernet

2x USB

1x RS232

1x RS232/RS485

38x General Purpose I/O

2x Full size mSATA sites

Support

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

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

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