

AD01286

Prime Application

Industrial Air-cooled or conduction-cooled
VPX Systems

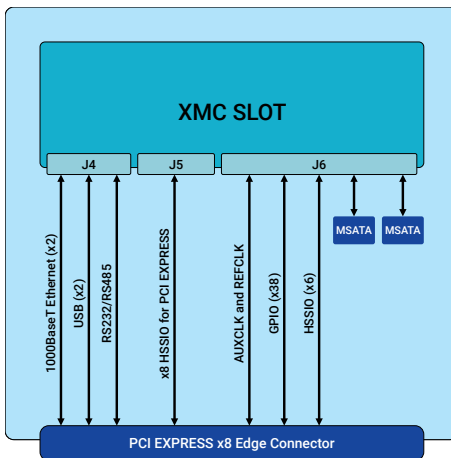
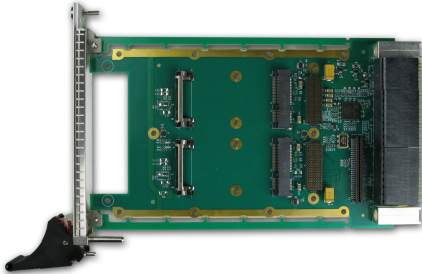
Board Features

- 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

Input/Output Interfaces

PCI Express

PCI Express Link to XMC

High-speed comms
HSSIO 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

Support

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

Board Format

3U VPX (OpenVPX Compliant)

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