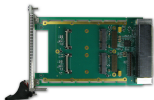


AD01254



### Prime Application

**XMC carrier for Industrial Air-cooled or conduction-cooled VPX Systems**

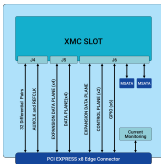
### Summary

The **ADC-VPX3-XMC** is a single XMC carrier for VPX based systems.

Features include **OpenVPX compliant** PCI Express capable interface, dual mSATA interfaces providing the addition of high capacity FLASH Memory SATA drives.

### Board Features

- Open VPX Compliance



### Deliverables

ADC-VPX3-XMC 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

### 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
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**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-XMC(c)(a)(m)(t)**

Option	Code	Description of Options
Cooling	c	blank = air cooled commercial, /CC1 = conduction cooled industrial
Conformal Coating	a	blank = no conformal coating, A = Acrylic, P = Polyurethane
mSATA	m	blank = mSATA available in Air Cooled configuration*, /C3 = mSATA cutouts 4399-00 (only required when CC1 cooling option selected)
XMC Connector Type	t	blank = XMC (VITA 42) Connectors , /X2 = XMC2 (VITA 61) Connectors
Note		* - mSATA sockets are always available unless ordering a conduction cooled (CC1) board. To allow access to the mSATA sockets in conduction cooled configuration add the /C3 option to ensure the heatsink fitted provides access to the mSATA sockets (CC1/C3)

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