

AD01256



### Prime Application

**XMC adapter for PCI-Express workstations**

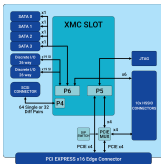
### Summary

PC plug-in (half length) card to allow one XMC boards to be used in the PC.

The ADC-PCIE-XMC is a half length PCI Express card designed to carry a single XMC. It can support the use of x1, x2, x4 and x8 PCIe Gen2 signalling environments in x8 or x16 PCIe slots. The XMC site on the card supports up to on x8 PCIe or two x4 PCIe links. VPWR provided to the XMC site is set to 12V.

### Board Features

- XMC Carrier for PCI Express based systems
- Breakout of mezzanine board I/O
- Separate PCIe Power connector



### Deliverables

ADC-PCIE-XMC Board  
One Year Warranty  
One Year Technical Support

### Host Interface

The host interface supports PCIe Gen 1, 2. Please contact Alpha Data for further details.

### Board Format

Half length PCI Express Card

### Input/Output Interfaces

#### High-speed serial I/O

High-speed serial communications from P6  
SATA interfaces from P6

#### Discrete I/O

GPIO from P6  
64 Single ended or 32 differential pair GPIO from P4

### Environmental Specification

Cooling Option	Operating Temperatures		Storage Temperatures	
	Min	Max	Min	Max
AC0	0°C	55°C	-40°C	85°C

### Operating Humidity

Up to 95% (non-condensing)

### EMC Standards

FCC 47CFR Part 2  
EN55022:2010 Equipment ClassB

### Ordering Information

**Order Code: ADC-PCIE-XMC(t)**

Option	Code	Description of Options
XMC Connector Type	t	blank = XMC (VITA 42) Connectors , /X2 = XMC2 (VITA 61) Connectors

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