



- Adapt one XMC.3 (PCI Express VITA 42.3) card to a PMC slot
- PCI Express x1 lane interface
- PMC Compliant to IEEE P1386.1 specifications
- 32 bit /33 MHz/66 Mhz
- Three 64 pin PMC connectors
- Two 114 pin XMC connectors
- Supports 3.3V PCI signaling
- Selective Active signal equalization and compensation for robust operation in any personal Computer
- IEEE 1384 XMC mechanicals
- Transparent operation
- Standard XMC card size (143.75 mm x 74 mm)
- Conduction cooling (VITA20) for card
- Optional conformal coating

**OVERVIEW**

The PMC to XMC adapter allows XMC card to be used in a PMC slot. The XMC site is VITA42.3 compatible and supports a single (X1) PCI Express lane. The product will work with 33 MHz and 66 MHz clock speeds, and with 32-bit bus widths. Appears transparent to the system, so no extra software driver is required for operating the adapter. The carrier card acts simply as an adapter to route PMC bus signals to and from the XMC card. All AT's XMC cards and those from other vendors are supported. This card is well suited for enterprise router/switch/gateway providers and system integrators. The carrier is optionally available with a conformal coating layer.

**Software**

No software required

**Applications**

- Add XMC cards to standard PMC slots
- Custom interfaces to XMC P16
- Multi-card system synchronization and control

**PRODUCT SPECIFICATIONS**

**Mezzanine Slots**

- One PMC Slot
- 32bit, 33 MHz or 66MHz

**Environmental**

- Operating Temperature: -40°C to +85°C
- Storage Temperature: -55°C to +100°C
- Relative Humidity: 5% to 95% (non-condensing)

**XMC Site**

- XMC Compliant to VITA 42.3

**Power**

- Supply +5V, +3.3V, +12V and -12V from PMC Connectors are used
- An on-board voltage regulator is used to generate 1.5V

**PMC Compatibility**

- PMC compliant as per the IEEE 1386 specification

**Software Interface**

- No software set-up required by PMC to XMC adapter

**Physical**

- Standard Singlewide XMC (143.75 mm x 74 mm)

**Warranty**

- 1 Year warranty standard

**ORDERING INFORMATION**

**Hardware Selection**

AT-PMC-XMC-Adapter

- Base Product**  
 AT-PMC-XMC-Adapter = PMC to XMC Adapter Card

- Contact sales for support for other Operating Systems
- Contact sales for configuration of front and rear I/O configuration
- Contact sales for environmental options



ADTEC Electronics Inc.  
 144 Continente Ave , Suite #130  
 Brentwood, CA 94513, USA.  
 Ph : (408) 420 0646  
 www.adtecelectronics.com

Distributor/Reseller