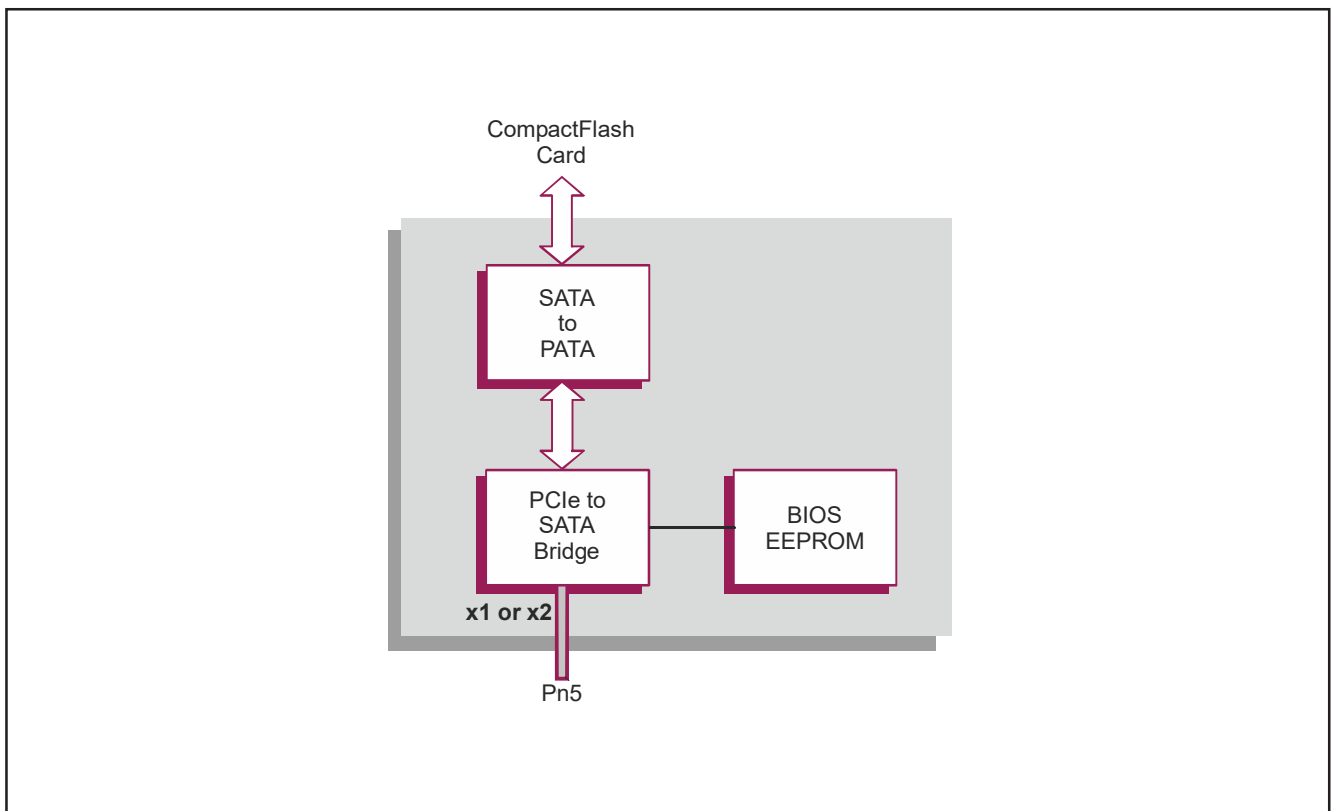
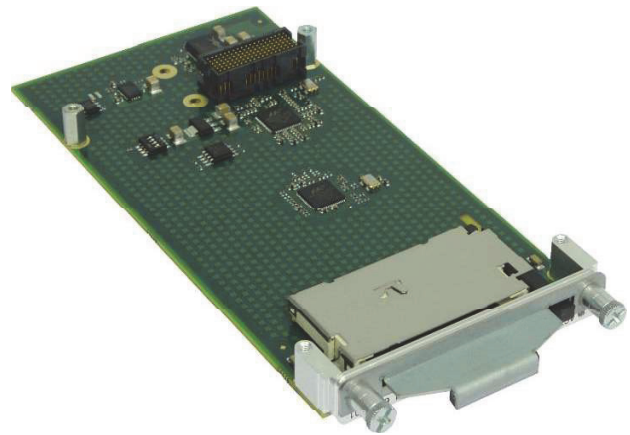


## CompactFlash® Carrier XMC Adapter

### Key Features

XM 600/001 is an XMC adapter designed to carry a single CompactFlash® card (Type I). The XMC adapter is suitable for use with XMC host boards including VME, VPX™ and CompactPCI and is designed for applications that require a front loading CompactFlash card.

- Designed to carry a single CompactFlash card
- Enables front panel removable storage
- Includes retention bracket assembly
- Suitable for use on boards with an XMC expansion slot
- Extended operating temperature air-cooled versions available



## CompactFlash Carrier

- XMC adapter designed to carry a single CompactFlash® card (Type 1):
  - transfer speeds up to UDMA6
- insert and remove via a front panel aperture:
  - includes a mechanical retention bracket
  - hot-swap is not supported
- front panel LED activity indicator

## XMC Interface

- PCI Express® (PCIe®) to SATA bridge, via SATA to PATA bridge to CompactFlash site
- complies with PCI Express Protocol Specification 2.0 including:
  - x1 or x2 PCI Express interface
  - supports Gen 1 and Gen 2

## BIOS EEPROM

- 4Mbit SPI Flash EEPROM with BIOS firmware to support OS Boot
- In-circuit programmable

## Software

- operating system support dependent on the host processor used

## Electrical Specification

- maximum VPWR current without the CompactFlash card fitted:
  - +5V @ 550mA or
  - +12V @ 230mA
- +5V +5%/-5%, +12V +5%/-5%
- -12V not utilized

## Environmental Specification

- operating temperatures:
  - 0°C to +55°C (N-Series)
  - -25°C to +70°C (E-Series)
  - -40°C to +85°C (K-Series)
- non-operating temperature: -40°C to +85°C
- 5% to 95% Relative Humidity, non condensing:
  - K-Series includes humidity sealant

## Mechanical Specification

- single size CMC (Common Mezzanine Card) 74mm x 149mm x 13mm:
  - conforming to ANSI/VITA 42.0-2008
- 10mm height stack module