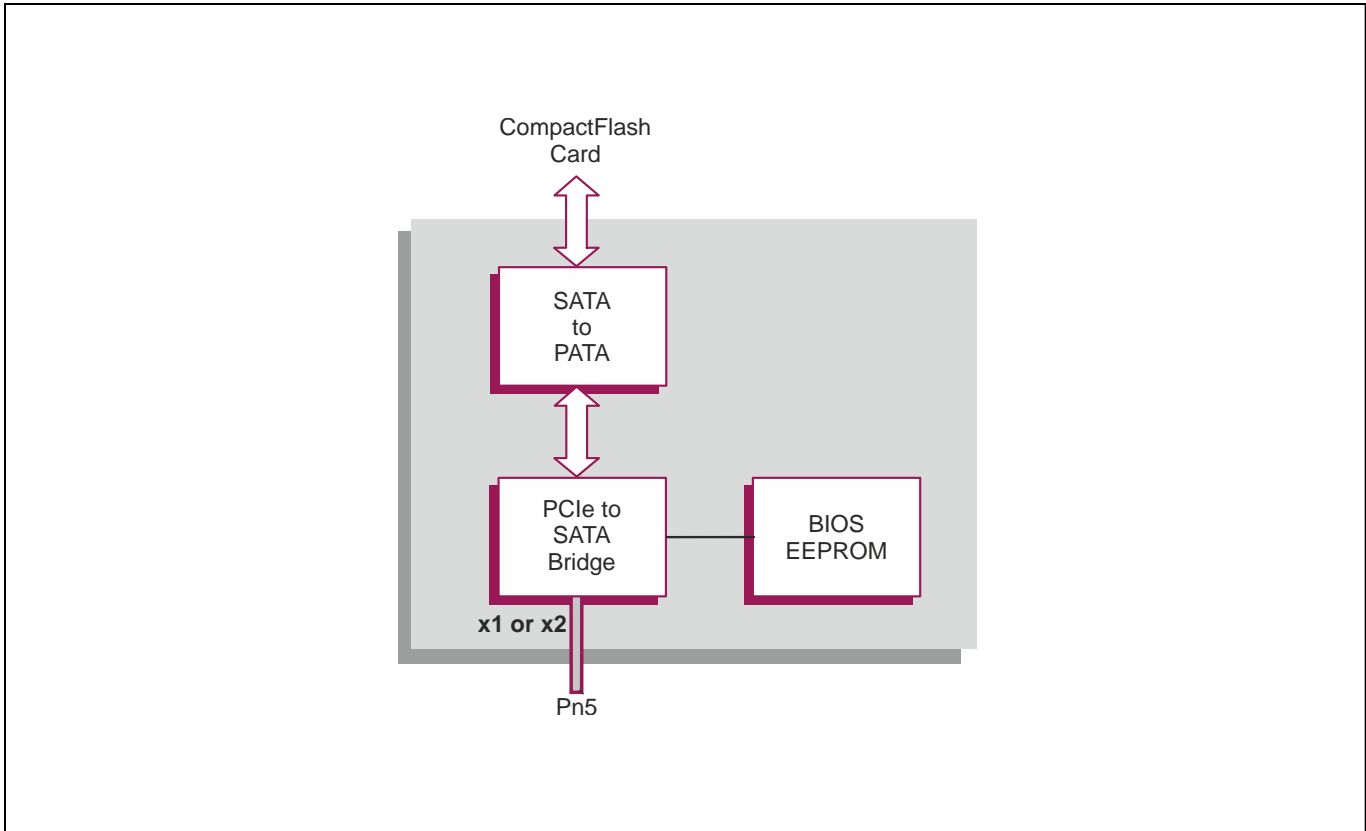
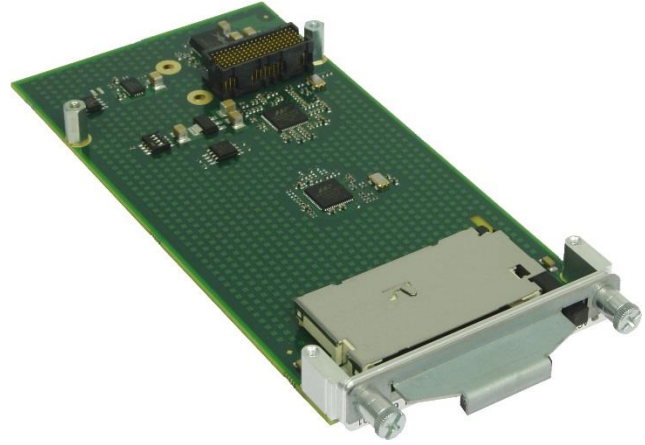


CompactFlash® Carrier XMC Adapter

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