

Ampro MiniModule™ PCC III

Versatile PC/104-Plus module offers up to two PC Card slots for exceptional design flexibility



MiniModule PCC III

Choose Ampro MiniModule™ PCC III for...

A high performance PCI-based platform for incorporation of one or two PC Card (PCMCIA) slots into PC/104-Plus embedded systems.

Description

Ampro MiniModule™ PCC III supports all three card voltage options — 5V only, 3.3V only, and 3.3V cards which are 5V tolerant. An onboard power connector allows developers to power the card directly with 3.3V or 12V support if required. Other voltages are obtained from the PC/104-Plus bus.

- PC/104-Plus Bus Interface (PCI v2.2 Compatible)
- Two PC Card or CardBus slots with hot insertion and removal
- Mix-and-Match 5V/3.3V 16-bit PC Cards and 3.3V 32-bit CardBus cards
- Supports Serial EEPROM interface for loading subsystem ID and subsystem vendor ID
- Configurable for any PC/104-Plus bus slot
- ETT -40° to +85°



Ordering Information

MODEL	DESCRIPTION
MM3-PCC-K-10	QuickStart Kit (Board, Documentation, Software)
MM3-PCC-Q-01	MiniModule PCC-III, 32-bit CardBus interface

Specifications

GENERAL

- Controller
 - TI 1520 controller
 - Complies with CardBus Release 8.0 standard
- Card Support
 - Two PC Card slots supported per system
 - Supports card types I, II, and III
 - Usable with 5V cards, 3.3V cards and 3.3V cards that are 5V tolerant
- Special Features
 - Supports "hot" insertion/removal
 - Power connector for +12V DC input for Flashcard programming
- Four-Slot Support Option – Configurable for use in any of the 4 PCI slots available to PC/104-Plus systems
- Support Software – Plug-and-play drivers with Windows ME/XP/2000/XPe

BUS INTERFACE

- PC/104-Plus bus (PCI), PC/104 bus (ISA)

MECHANICAL

- Size – 90x108mm (3.6x4.3")
- Power Requirements – (typical) 0.21A @ +5V
- Temperature
 - Standard: 0° to +70°C
 - Extended: -40° to +85°C

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