



# Dual 8/16-bit PCMCIA Adapter for PC/104 MPC420



## Features

- ✓ Support for PCMCIA types I, II, and III
- ✓ Support for in-system programming of flash and EPROM memory
- ✓ Two identical PCMCIA sockets mounted on PC/104 format adapter
- ✓ 16-bit PC/104 interface, fully functional 8-bit version also available
- ✓ Interfaces to PCMCIA memory, fax/modem, network, hard drive, etc.

The MPC420 PCMCIA Adapter interfaces one or two PCMCIA cards to any PC/104 system. Cards supported include Type I (memory), Type II (modem, network, I/O), and Type III (hard disks). Only one Type III card can be supported due to the increased thickness of these cards. A second MPC420 can be installed in a system for additional PCMCIA slots.

The MPC420 operates as up to five "windows" in the embedded PC's memory map, and up to two "windows" in the embedded PC's I/O map.

Software supplied with the MPC420 is optimized for dedicated systems. Software drivers from 3rd parties are available to provide full notebook PC style hot insertion/removal management.

### Software Support

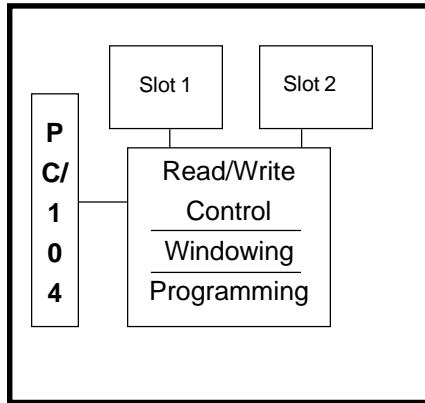
*Primitive Data Transfer routines included  
Compatible with 3rd party PCMCIA Card and Socket Services drivers*

### Compatible Hardware

*Any Micro/sys CPU with PC/104 expansion connector  
[See Section 1]  
Most PCMCIA memory, I/O, and hard drive cards*

### Mounting/Packaging

*PC/104 standard*



## Specifications:

### Mechanical:

- PC/104 standard
- 3.55" x 3.775" x .6"
- Installed PCMCIA card extends past one side where I/O connector overhang allowed

### Power Requirements:

- +5V  $\pm$  5% at 50mA max with no PCMCIA cards

### Environmental:

- 0° - +70°C operating
- 25° - +85°C storage
- 5%-95% relative humidity, non-condensing

### PC/104 Interface:

- 16-bit PC/104 module, 8-bit version available
- Programmable IRQ connections
- Battery status readable

### External Connections:

- 2-pin header for modem speaker out
- 2-pin header for hard drive LED out

## Ordering Information:

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|----------|--|
| MPC420   | Dual PCMCIA adapter for 16-bit PC/104, 8/16-bit PCMCIA cards |
| MPC420-1 | Single PCMCIA slot version for 16-bit PC/104                 |
| MPC420-8 | Dual PCMCIA adapter for 8-bit PC/104, 8/16-bit PCMCIA cards  |
| MPC420-9 | Single PCMCIA slot version for 8-bit PC/104                  |