



CompactFlash to IDE Interface MPC425



Features

- ✓ Supports CompactFlash
- ✓ One Type I CompactFlash socket with retaining clip
- ✓ IDE interface
- ✓ +5V only operation
- ✓ PC/104 format or standalone

The MPC425 allows CompactFlash cards to be accessed as IDE drives, by providing a way to interface CompactFlash to an IDE header. CompactFlash is an ideal mass storage media for embedded products because of its low power consumption, fast read time, and removeability.

The MPC425 comes in two configurations, the MPC425 and the MPC425-1. The MPC425 plugs into a PC/104 stack where it receives its power. This is appropriate configuration for applications where mass storage is needed, but not

removed often, if at all. The CompactFlash connector is near the middle of the board to reduce the space required.

The MPC425-1 is used where the CompactFlash must be easily changed, and is powered through an IDE Power Connector. This version has four holes for mounting. The CompactFlash connector is at the edge of the board for easy access.

Software Support

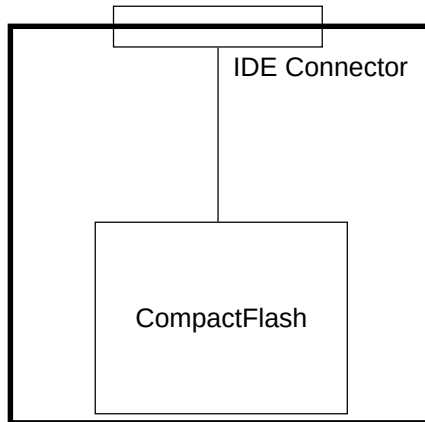
All PC disk software

Compatible Hardware

*Any Micro/sys CPU with
PC/104 expansion
connector and IDE
interface [See Section 1]
CompactFlash Cards*

Mounting/Packaging

*PC/104 standard (MPC425)
Flat surfaces (MPC425-1)*



Specifications:

Mechanical:

- ☐ PC/104 standard
- ☐ 3.55" (plus I/O region) x 3.775" x .6"

Power Requirements:

- ☐ +5V $\pm$ 5% at 0mA (no CompactFlash installed)

Power Connector:

- ☐ 8-bit PC/104 connector on MPC425 (for 5V power only)
- ☐ IDE drive power connector

Environmental:

- ☐ -40° - +85°C operating
- ☐ -40° - +85°C storage
- ☐ 5%-95% relative humidity, non-condensing

External Connections:

- ☐ 40-pin header for IDE Interface

Ordering Information:

MPC425	PC/104 CompactFlash to IDE Interface
MPC425-1	Standalone CompactFlash to IDE Interface

Related Products:

CA4025	Cable, 40-pin/40-pin headers
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