

## PMPC2 PANEL MOUNT PC

- Small integrated PC with display
- Standard PC-AT compatible CPU
- 386SX-40 equivalent processor
- 13 or 28 key membrane switch
- 16 bit PC/104 expansion site
- 4 or 8 MB system RAM
- 4 to 32 MB NAND flash disk
- IDE Hard drive interface
- 1.44M Floppy interface
- Two 16C550 TYPE Serial ports
- Bi-directional parallel port
- Optional 10BaseT Ethernet interface
- 12 bit - 8 channel A-D
- 24 user I/O bits (82C55)
- Requires +5V power only
- 320x240 pixel gray scale LCD



The PMPC2 is a compact, complete, embedded PC for controller and user interface applications. Overall dimensions are 7.24W x 5.43H x 2.6D (no numeric keypad) or 11.1W x 5.43H x 2.6D (including numeric key-pad). Both dimensions include the back cover

The PMPC2 display is a 1/4 VGA (320X240 pixel) monochrome transmissive or transreflective LCD with variable brightness CCFL backlight. The display controller is fully VGA compatible, with the LCD showing the upper left quadrant of the standard 640X480 VGA display

The PMPC2 CPU is fully PC-AT compatible and is complete with all the standard AT I/O, including battery backed up real time clock, and keyboard controller. System RAM can be 4 or 8 Mbytes. The on-card flash drive is supported by the PMPC2 BIOS and is available in 4, 8, and 16 and 32 Mbyte capacities.

Two FIFOed serial ports are provided as is a bi-directional parallel port. One of the serial ports can be configured for RS-485 interface levels. A 1.44M floppy and IDE interface allow external storage if needed.

The 10BaseT Ethernet uses the Cirrus Logic CS8900 and has drivers for most network systems including packet driver, ODI, NDIS2, NDIS3, Linux, PSOS, VRTX etc.

The membrane keypad has either 13 or 28 keys depending on whether the numeric keypad option is selected. The basic keypad has 13 display labeled keys. The numeric keypad includes F1, F2, enter and backspace

User I/O includes 24 I/O bits and an 8 input, 12 bit A-D. The I/O bits are provided by a 82C55.

The PMPC2 is housed in a BOPLA COMBICARD type case for flexibility in mounting and PC/104 stacking height.