



Our PC-31C helps you to control and communicate with dozens of instruments, transducers. Four PC-31C's can be used in parallel in one PC, giving you the capability of up to 32 serial ports in a single computer.

It uses the newest UART which adds advanced features such as FIFO buffers and DMA. The PC-31C runs on a Windows interface.

## Features

- ◆ 8 asynchronous RS-232 ports
- ◆ Programmable baud rate: 50 to 256,000 baud
- ◆ Four cards can be used in parallel
- ◆ 16450 or 16550 high-speed UART
- ◆ Programmable start, stop and parity bits
- ◆ User-selectable port addresses & interrupt request levels
- ◆ Compatible with DOS, Windows, LabView, LabWindows, ComBios and Comware

## Specifications

### SERIAL PORTS

Number of channels:	8
Comms Protocol:	Asynchronous serial (RS-232)
Baud Rate:	50 to 256K
Data Bits:	5, 6, 7, or 8
Stop Bits:	1, 1½, or 2
Parity Bits:	Odd, even, or none
UART Comm. Chip:	16550
RS-232 Interface IC's:	1488 / 1489
Crystal Clock Freq:	2 MHz

### PC INTERFACE

Address Registers:	0000H to 1FFFFH
Register Select:	DIP Switch selectable
Interrupts:	On Tx, Rx, error, line status and data set
IRQ Request Level:	IRQ2 - IRQ7, 10, 11, 12, 15, jumper selectable
Wait States:	0, 1, 2, 4, or 8, selectable
Operating Temp:	0°C to 70°C (32°F to 158°F)
Power Requirements:	+5VDC @ 800mA, ±12 @ 20mA
Board Size:	336mm x 100mm
I/O Connectors:	DB25M/F or DB9M/F

## Ordering Information

Supplied with 8x Internal Ribbon Cable (IDC10 to DB9) or (IDC10 to DB25)

**PC-31C** 8 Port Serial 16450/16550

View connector pinouts in Reference Section

### Optional Accessories

Refer to System Diagram in Reference Section

1. **ADPT-910** via **IDC10** or **DB9MF (Serial RS-232/485)** up to x8
2. **ADPT-2526** via **DB25MF (Serial RS-232/483)** up to x8