8 Port PCI Serial

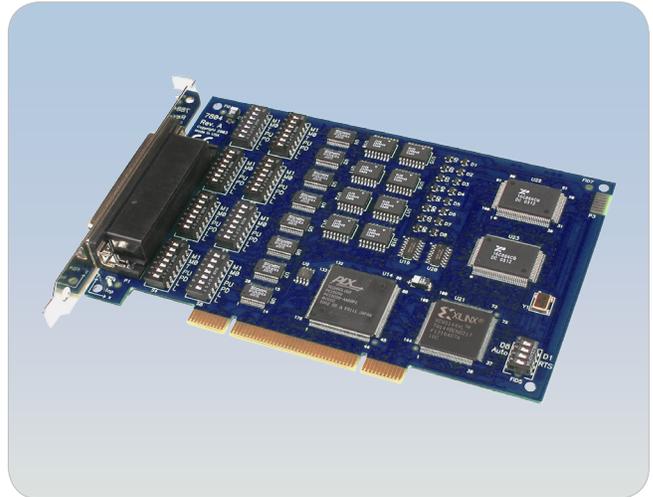## PCI RS-232, RS-422, RS-485 Serial Interface

Item # 7804

The Ultra COMM+8.PCI is a multi-interface, eight port, Universal Bus (3.3V or 5V) compatible PCI adapter. Offering eight individual field-selectable RS-232, RS-422, or RS-485 channels, the Ultra COMM+8.PCI delivers ultimate flexibility for expanding serial communications.

The Ultra COMM+8.PCI supports standard PC data rates and boasts a top speed of 921.6K bps. The board is designed using the XR16C864 UART, which provides a 128-byte FIFO, eight times larger than boards designed with 16C550 compatible parts. The larger buffers allow error free operation even in high-speed applications. In RS-485 mode the board provides automatic control of the RS-485 driver enable for trouble free network master arbitration. Additionally, RS-485 network termination, critical to robust multi-drop communication, can be selectively added to the circuit via DIP-switches.

Unique Features

⠠⠕ Each port individually configurable for RS-232, RS-422, or RS-485

⠠⠕ 16C864 buffered UARTs with 128-byte FIFOs

⠠⠕ Data rates to 921.6K bps

⠠⠕ Universal Bus (3.3V and 5V) compatible

⠠⠕ Automatic RS-485 enable/disable

⠠⠕ 36' cable terminates to eight DB-9M connectors

Technical Specifications

Number of Ports	8
Communications Chip	16C864
Max Data Rate	921.6K bps
Max Data Distance	4000 feet
Operating Temperature	0 - +70° C
Storage Temperature	-50° - +105° C
Humidity Range	10 - 90% R.H.

SEALEVEL