PC/104 - Asynchronous Serial

PC/104 RS-485 Serial Interface

Item # 3588

The 3588 PC/104 serial interface provides eight two-wire RS-485 serial ports. The board includes UARTs with 128-byte FIFOs for fast, error free communication up to 921.6K bps. To simplify RS-485 communication, the board used with our software driver automatically handles the RS-485 driver enable, allowing the RS-485 ports to be viewed by the operating system as standard COM ports. Additionally, the board supports custom baud rates and 9-bit protocols. Sealevel's SeaCOM software drivers and utilities make installation and operation easy.

Unique Features

▶▶ Eight two-wire RS-485 serial ports

▶▶ 16C954 buffered UARTs with 128-byte FIFOs

▶▶ Data rates to 921.6K bps

▶▶ Two 40-pin right-angle header connectors

▶▶ Extended temperature range available
   (-40° C - +85° C)
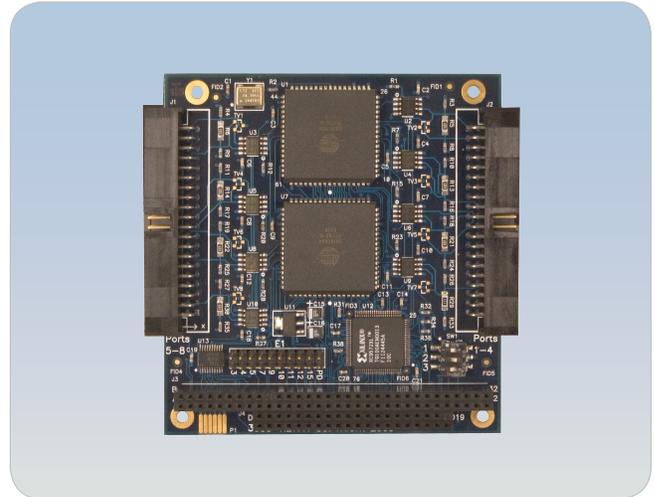
Technical Specifications

Number of Ports	8
Communications Chip	16C954
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.