

**KEY 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)

**DESCRIPTION**

The ELK-PC3588 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. The software drivers and utilities make installation and operation easy.

**SPECIFICATIONS**

Number of ports	8
Communications chip	16C954 UART
Max. data rate	921.6K bps
Max. data distance	Up to 4000 ft.
Operating Temperature	0 - +70°C
Storage Temperature	-50 - +105°C
Humidity Range	10 - 90% R.H.

**ORDERING INFORMATION**

MODEL	DESCRIPTION
ELK-PC3588	PC/104 RS-485 Serial Interface
ELK-CA110	40-Pin IDC Ribbon Cable to DB37 Male, 6" in Length
ELK-CA143	DB37 Female to (4) DB9 Male, 36" in Length - for 7402, 7404, 7904, 3440, etc.
ELK-CA273	40-Pin IDC Ribbon Cable to (4) DB9 Male Connectors, 14" in Length
ELK-TB02-KT	Terminal Block Kit - DB37 Male and DB37 Female to 37 Screw Terminals

All Specifications within this document are subject to change without notice.



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