

**KEY FEATURES**

- ▶ 16 two-wire RS-485 serial ports
- ▶ 16C954 buffered UARTs with 128-byte FIFOs
- ▶ Data rates to 921.6K bps
- ▶ 40-pin right-angle header connectors
- ▶ Extended temperature range available (-40°C - +85°C)

DESCRIPTION

The ELK-PC3562 PC/104 serial interface provides 16 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 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 using Windows 95/98/ME/NT/2000/XP. A driver for Windows CE 5.0 is also available.

SPECIFICATIONS

Number of ports	16
Communications chip	16C954
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-PC3562	PC/104 RS-485 Serial Interface
ELK-CA104	DB25 Female to DB25 Male Extension Cable, 72" in Length
ELK-CA338	40-Pin IDC Ribbon Cable to (2) DB25 Male Connectors, 30" in Length - for ELK-PC3562
ELK-TB04	Terminal Block - DB25 Female to 25 Screw Terminals

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



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