

**KEY FEATURES**

- ▶ **Configurable for RS-422 or RS-485**
- ▶ **16C850 buffered UART with 128-byte FIFOs**
- ▶ **Data rates to 460.8K bps**
- ▶ **Automatic RS-485 enable/disable**
- ▶ **10-pin vertical header connector**

DESCRIPTION

The ELK-PC3550 PC/104 serial interface provides one serial port configurable for RS-422 or RS-485. The board is capable of data rates to 460.8K bps and automatically handles RS-485 transmitter enable/disable. The ELK-PC3550 utilizes a 16C850 UART to provide 128-byte Tx/Rx FIFOs for maximum reliability in data intensive applications. Ordering options allow the choice of UARTs for custom baud rates and 9-bit protocols. The software utilities make installation and operation easy.

SPECIFICATIONS

Number of ports	1
Communications chip	16C850 UART
Max. data rate	460.8K bps
Max. data distance	Up to 4000 ft. @ 9600 bps
Operating Temperature	0 - +70°C
Storage Temperature	-50 - +105°C
Humidity Range	10 - 90% R.H.

ORDERING INFORMATION

MODEL	DESCRIPTION
ELK-PC3550	PC/104 RS-422/485 Serial Interface
ELK-PC3550-SN	PC/104 RS-422/485 Serial Interface with 16C950 UART
ELK-CA152	IDC10 to DB9 Male, 8" in Length
ELK-DB103	Converts DB9 Male RS-422 to Opto 22 Optomux Compatible DB9 Female
ELK-CA176	Convert any ASAN ST RS-422 DB9 Male Async Adapter to RS-530 DB25 Male
ELK-CA127	DB9 Male to DB9 Female 72" in Length
ELK-KT105	Terminal Block Kit – ELK-TB05 +ELK-CA127 Cable
ELK-TB05	Terminal Block - DB9 Female to 9 Screw Terminals
ELK-RJ9S8	DB9 Female to RJ45 Modular Adapter

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



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