

	<p>KEY FEATURES</p> <ul style="list-style-type: none"> ▶ Configurable for RS-422, RS-485, or RS-530 ▶ 16C850 buffered UART with 128-byte FIFOs ▶ Data rates to 460.8K bps ▶ Automatic RS-485 enable/disable ▶ DB-25M connector
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DESCRIPTION

The ELK-PCI7105 PCI serial interface provides one serial port configurable for RS-422, RS-485, or RS-530. The board is capable of data rates to 460.8K bps and automatically handles RS-485 transmitter enable/disable. The ELK-PCI7105 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
Max. data rate	460.8K 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-PCI7105	PCI RS-422/485/530 Serial Interface
ELK-PCI7105-SN	PCI RS-422/485/530 Serial Interface with 16C950 UART
ELK-PCI7105-DB9	PCI RS-422/485/530 Serial Interface with Opto-22 Optomux DB-9F Compatible Connector
ELK-CA104	DB25 Female to DB25 Male Extension Cable, 72" in Length
ELK-CA175	DB25 Female (RS-530) to DB9 Male (RS-422) Cable, 10" in Length
ELK-DB104	DB25 Female (RS-422) to DB9 Female (Opto 22 Optomux) Converter
ELK-CA140	DB25 Female to DB9 Male - RS-232 Converter
ELK-TB04-KT	Terminal Block Kit - DB25 Female to 25 Screw Terminals, 6" Snap Track & DIN-Rail Mounting Clips

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



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