

	<p>KEY FEATURES</p> <ul style="list-style-type: none"> ▶ Each port individually configurable for RS-422 or RS-485 ▶ 16C550 buffered UARTs with 16-byte FIFO ▶ Data rates to 460.8K bps ▶ Automatic RS-485 enable/disable ▶ 36" cable terminates to four DB-9M connectors
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DESCRIPTION

The ELK-PCI7402 PCI interface provides four serial ports, each individually 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-PCI7402 utilizes 16C550 UARTs that provide 16-byte Tx/Rx FIFOs and delivers with a 36" cable that terminates to four DB-9M connectors. Ordering options allow the choice of UARTs with larger FIFOs, support custom baud rates, and 9-bit protocols. The ELK-PCI7402-SE utilizes 16C850 UARTs to provide 128-byte Tx/Rx FIFOs for maximum reliability in data intensive applications. For custom baud rates and 9-bit protocols, order the ELK-PCI7402-SN which utilizes 16C950 UARTs.

SPECIFICATIONS

Number of ports	4
Communications chip	16C550
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-PCI7402	PCI RS-422/485 Serial Interface
ELK-PCI7402-SE	PCI RS-422/485 Serial Interface with 16C850 UARTs
ELK-PCI7402-SN	PCI RS-422/485 Serial Interface with 16C950 UARTs
ELK-TB06	Terminal Block - Dual DB9 Female to 18 Screw Terminals
ELK-CA127	DB9 Male to DB9 Female 72" in Length
ELK-CA176	DB9 Female (RS-422) to DB25 Male (RS-530) Cable, 10" in Length
ELK-CA177	DB9 Female to DB25 Male 72" in Length Standard RS-232 Modem Cable
ELK-KT106	Terminal Block Kit – ELK-TB06 + (2)ELK- CA127 Cables
ELK-TB05	Terminal Block - DB9 Female to 9 Screw Terminals
ELK-KT105	Terminal Block Kit – ELK-TB05 + ELK-CA127 Cable
ELK-DB103	Converts DB9 Male RS-422 to Opto 22 Optomux Compatible DB9 Female

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



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