



Low Profile PCI 1-Port RS-232, RS-422, RS-485, RS-530, RS-530A, V.35 Synchronous Serial Interface (uses Z85230)

Part: 5102 | **Model:** ACB-MP.LPCI

The 5102 Low Profile PCI synchronous serial interface adapter provides the PC with a single channel serial interface suitable for many popular communications protocols. This Sync/Async card is an ideal solution for applications including DDS (digital data service), military applications, banking communications, and other specialized applications. Our Software toolkit is included to aid software driver development for other operating systems by providing programming samples and source code to shorten development time.

The 5102 is MD1 Low Profile and Universal Bus (3.3V and 5V) compatible. The 5102 is for use in Low Profile PCI slots only. If you have a standard size PCI slot order the 5102S.

Software support, critical for successful synchronous communication development, is provided through Sealevel's SeaMAC synchronous serial driver. HDLC/SDLC protocols are supported as well as certain configurations of Monosync, Bi-sync, and Raw modes.

Features & Specifications

Low Profile PCI 1-Port RS-232, RS-422, RS-485, RS-530, RS-530A, V.35 Synchronous Serial Interface

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Features

- Configurable for RS-232, RS-422, RS-485, RS-530, RS-530A, or V.35
- Z85230 Enhanced Serial Communications Controller (ESCC)
- Data rates to 128K bps
- MD1 Low Profile and Universal Bus (3.3V and 5V) compatible
- DB-25M connector
- X.21 and RS-449 serial interface capability with versatile cabling options

Specifications

Communications Chip	85230-8 ESCC
Communications Controller	Z85230
Electrical Interface	RS-232, RS-422, RS-485, RS-530, RS-530A
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	PCI
Max Data Distance	50 feet (RS-232)4000 feet (RS-485)
Max Data Rate	128K bps (burst)
Operating Temperature	0°C to 70°C (32°F to 158°F)
PC Bracket	Low Profile
# of Ports	1
RS-485 Operation	Full Duplex (4 wire)Half Duplex (2 wire)
Serial Connector(s)	DB25M
Storage Temperature	-50°C to 105°C (-58°F to 221°F)
V.35	Yes