



Low Profile PCI 1-Port RS-232, RS-422, RS-485, RS-530, RS-530A, V.35 Synchronous Serial Interface (uses Z16C32)

Part: 5104 | **Model:** ACB-Ultra.LPCI

The 5104 Low Profile PCI serial interface provides one synchronous serial port configurable for RS-232, RS-422, RS-485, RS-530, RS-530A, or V.35. The board is capable of data rates to 10M bps. The 5104 utilizes a Z16C32 Integrated Universal Serial Controller (IUSC) with built-in DMA controller and 32-byte FIFO buffer. The board is MD1 Low Profile and Universal Bus (3.3V and 5V) compatible.

The 5104 is compatible with any low profile PCI Express slot. A standard profile bracket is also included.

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

- Compliant with RoHS and WEEE directives
- Configurable for RS-232, RS-422, RS-485, RS-530, RS-530A, or V.35
- Z16C32 Integrated Universal Serial Controller (IUSC) with built-in DMA controller and 32-byte FIFO buffer
- 256K bytes of onboard RAM/link list DMA supported
- Data rates to 10M bps
- MD1 Low Profile and Universal Bus (3.3V and 5V) compatible
- Requires 3.3V power on PCI bus
- DB-25M connector

Specifications

Communications Chip	Z16C32 IUSC
Communications Controller	Z16C32
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	10M bps (burst)
Operating Temperature	0°C to 70°C (32°F to 158°F)
PC Bracket	Low Profile
# of Ports	1
RoHS Compliant	Yes
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