



# Low Profile PCI 8-Port RS-232 Serial Interface

**Part:** 7803c | **Model:** COMM+8.LPCI

The 7803c low-profile PCI serial interface provides eight RS-232 serial ports capable of data rates up to 230.4 Kbps. Each RS-232 port implements all modem control signals for maximum compatibility with a wide range of serial peripherals. The 7803c utilizes eight, independent, enhanced 16550 compatible UARTs that provide 256-byte Tx/Rx FIFOs allowing the adapter to support a wide range of non-standard baud rates. These features make the 7803c ideal for data-intensive applications that require reliable, fast throughput rates.

The Sealevel SeaCOM software driver and utilities make installation and operation easy using Microsoft Windows operating systems.

The 7803c is a PCI board compatible with any low profile PCI slot. If you have a standard size PCI slot, be sure to select the standard profile bracket. The board includes your choice of 36-inch spider-cable that terminates to eight DB25M (CA202) or DB9M (CA231) connectors.



Singel 3 | B-2550 Kontich | Belgium | Tel. +32 (0)3 458 30 33  
info@alcom.be | www.alcom.be  
Rivium 1e straat 52 | 2909 LE Capelle aan den IJssel | The Netherlands  
Tel. +31 (0)10 288 25 00 | info@alcom.nl | www.alcom.nl

## Features & Specifications

### Low Profile PCI 8-Port RS-232 Serial Interface

Part: 7803c | Model: COMM+8.LPCI

#### Features

- Enhanced 16550 compatible UARTs with 256-byte Tx and Rx FIFOs
- Supports RS-232 data rates to 230.4 Kbps
- All RS-232 modem control signals implemented
- Compliant with RoHS and WEEE directives
- Bus-derived 125 MHz BRG and clock prescaler support wide range of baud rates
- Compatible with low profile PCI slots (standard profile slots with optional bracket)
- One Micro DB-68 Female connector (MDB68F)
- Choice of included 36" cable that terminates to eight DB25M (Item# CA202) or DB9M (Item# CA231) connectors
- PCI Local Bus v3.0 Compliant

#### Specifications

<b>Communications Chip</b>	XR17V358 (16550 Compatible UART)
<b>Electrical Interface</b>	RS-232
<b>Humidity Range</b>	10 - 90% Relative Humidity, Non - Condensing
<b>Host Interface(s)</b>	PCI
<b>Max Data Distance</b>	50 feet
<b>Max Data Rate</b>	230.4K bps
<b>Operating Temperature</b>	0°C to 70°C (32°F to 158°F)
<b>PC Bracket</b>	Low Profile, Standard Height
<b>Number of Ports:</b>	8
<b>Serial Connector(s)</b>	MDB68F
<b>Cable Connector(s)</b>	DB25M, DB9M
<b>Storage Temperature</b>	-50°C to 105°C (-58°F to 221°F)
<b>UART Series</b>	XR17V358 Series



Singel 3 | B-2550 Kontich | Belgium | Tel. +32 (0)3 458 30 33  
info@alcom.be | www.alcom.be  
Rivium 1e straat 52 | 2909 LE Capelle aan den IJssel | The Netherlands  
Tel. +31 (0)10 288 25 00 | info@alcom.nl | www.alcom.nl