



Industio **CP-132 Series**

2 Port RS-422/485 Industrial Communications Board for PCI

Overview

<http://www.programmation.fr>

The Industio CP-132 series is designed for RS-422/485 industrial communications. It supports 2 independent RS-422 or RS-485 ports, with each port able to control up to 32 devices in a multidrop environment.

By using ADDC™ (Automatic Data Direction Control) intelligence, applications can easily manage the half-duplex RS-485 port's data transmission and receiving without the need to write extra code. In addition, on-chip hardware flow control and built-in termination resistors guarantee data integrity, and the optical isolation and surge protection options are also available to deliver high reliability. All of the above attributes make the CP-132 series suitable for harsh industrial applications.

Features

- Available with optical isolation and surge protection as options
- Supports ADDC™ (Automatic Data Direction Control) intelligence
- RS-485 data control: ADDC™ or by RTS
- Built-in termination resistors
- On-chip hardware flow control
- Low repair rate with ASIC design
- Works perfectly with all major Operating Systems

Benefits

- High reliability in harsh industrial environments
- ADDC™ intelligence simplifies RS-485 software programming, reducing development time and cost

Applications

- Multipoint data acquisition
- Industrial control
- Factory automation
- Embedded industrial machines
- Remote serial device control
- SCADA systems

