



VScom 200Ei PCIe

2 RS232, RS422/485 ports PCI Express Card



KEY FEATURES

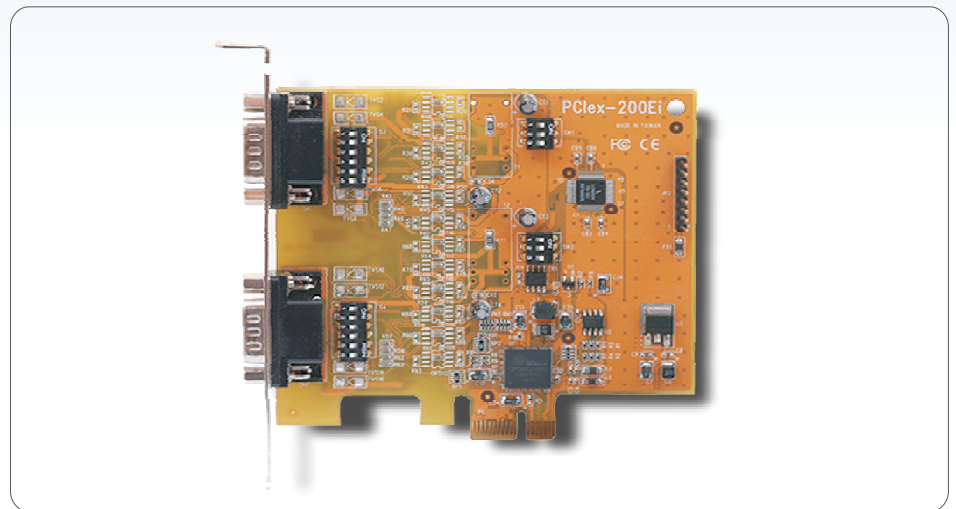
- PCI Express x 1
- 2 x RS232, RS422/485
- RS485 ART (Automatic Receive Transmit control)
- RS485 in 3 operation modes
- Compact board size (half-size)
- Built-in termination resistors
- Drivers for Windows 2000, XP, 2003 and Vista

Overview

The VScom 200Ei PCIe is designed for RS232, RS422/485 industrial communication. It supports 2 independent RS232, RS422 or RS485 ports. Each port can be configured separate.

In RS485 modes applications enable transmission by simply sending data. This is done by ART (Automatic Receive Transmit control) intelligence. The Transmitter is disabled exactly with the end of the last character sent. No modification is necessary in programs.

In addition, hardware flow control and built-in termination resistors guarantee data integrity. All of these features make VScom 200Ei PCIe suitable for harsh industrial applications.



Specifications

Hardware	
I/O controller	2 x 16C950C, each with 128 bytes Tx/Rx FIFO
Connector type	Male DB9
Interface	
Bus interface	PCI Express x 1
Serial interface	RS232, RS422 / 485
No. of ports	2
Signals	RS232 Tx/D, Rx/D, CTS, RTS, DTR, DSR, DCD, GND RS422 Tx+/-, Rx+/-, RTS+/-, CTS+/-, GND RS485 Data+/-, GND
RS485 data control	ART (Automatic Receive Transmit control)
Built-in termination resistor	RS422: 120 Ohm RS485: 120 Ohm, DIP enable / disable
Performance	
Speed	RS232: up to 921.6Kbps; RS422/485: up to 3.6Mbps
Max. no. of ports	Unlimited
Configuration	
Parity	None, even, odd, space, mark
Data bits	5, 6, 7, 8
Stop bits	1, 1.5, 2
IRQ	Assigned by System
I/O address	Assigned by System

Specifications

Available modes	
RS232	Full duplex
RS422	Full duplex
RS485	4 wire , full duplex
RS485	2 wire, half duplex, with echo
RS485	2 wire, half duplex, without echo
Power and Environment	
Power requirement	430mA max.(+5V)
Operation temp.	0°C - 55°C
Dimension	80mm x 59mm
Operating Systems supported	
WIN 2000, XP, Vista	VScom high performance serial driver

Ordering Information

Art. No	4505
Product Name	VScom 200Ei PCIex
Packing List	VScom 200Ei PCIex card, CD, English Documentation

VScom is offering a full range of serial communication solution for industrial application fields. Currently VScom designs and manufactures technologically advanced and cost effective Ethernet to Serial, RISC-Embedded Systems, CAN Bus to Serial, USB to Serial and PCI to Serial solutions. Envisioning the rapid growth in using Ethernet in different industrial fields. VScom is presently focusing on integration of LAN and Wireless LAN technology in serial connectivity products. Vscom brand products have been in the market since 1995 and are known as high quality, reliable and long life devices. More information on the products is available at www.vscom.de