Model Information

Main Features

- Universal PCI 3.3 / 5.0V
- 2x RS232, RS422/485
- RS485 ART (Automatic Receive Transmit Control)
- RS485 in 3 operation modes
- PCI Plug and Play
- IRQ Interrupt sharing, only one Interrupt per card
- Drivers for Windows 95 to 7/2008 R2
- Software compatibel with DOS, Windows 3.11, OS/2, Linux and div. Unix
- Compact board (half-size)
- Hardware flow control
- Built-in termination resistors

Contact Online...

VScom 200I UPCI

Quick Link: | Main Features | More Pictures | Overview | Hardware | Interface | Performance | Configuration | Available modes | Power and Environment | Operating Systems | Ordering Information |

More Pictures

Click on the thumbnails for the large picture ...

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Overview

The VScom 200I uPCI is designed for RS232, RS422/485 industrial communication. It supports 2 independent RS232, RS422 or RS485 ports. Each port can be configured separate.
Available modes : RS232, RS422 fullduplex
RS485 full duplex (4 wire)
RS485 half duplex (2 wire) with and without echo.
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 200I PCI suitable for harsh industrial applications.
Read the News Article...

Hardware

I/O controller	2x 16C550C or compatible, each with 16 bytes Tx/Rx FIFO
Connector type	Male DB9

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Interface

Bus interface	PCI version 2.1 (32bit) Universal PCI 3.3V / 5.0V
Serial interface	RS232, RS422 / 485
No. of ports	2
Signals	RS232 Tx, Rx, CTS/RTS, DTR, DSR, DCD, GND RS422 TxD+/-, RxD+/-, RTS+/-, CTS+/-, GND RS485 Data+/-, GND

RS485 data control	ART (Automatic Receive Transmit control)
Built-in termination resistor	RS422 120 Ohm RS485 120 Ohm, jumper enable / disable

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Performance

Speed	up to 921.6Kbps
Max. no. of ports	Unlimited

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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

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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

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Power and Environment

Power requirement	430mA max.(+5V)
Operation temp.	0°C - 55°C
Dimension	120mm x 100mm

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Operating Systems

Windows 2000 up to 7	VScom high performance serial driver, x86 and x64 Editions
Server 2000 to 2008 R2	VScom high performance serial driver, x86 and x64 Editions
Windows NT 4.0	VScom high performance serial driver control panel applet
Windows 95, 98, SE, ME	VScom high performance serial driver
DOS	virtuell address driver and compatibility tools real DOS Com port emulation
OS/2	Supported by COM16 driver in recent system releases Third party serial driver SIO.SYS available
Linux	Kernel 2.6 and up: built-in support Previous kernel: VScom high performance real tty driver
div.UNIX	configuration instructions

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Ordering Information

Part Number	4438
Product Name	VScom 200I UPCI
Packing list	VScom 200I UPCI card CD, English documentation

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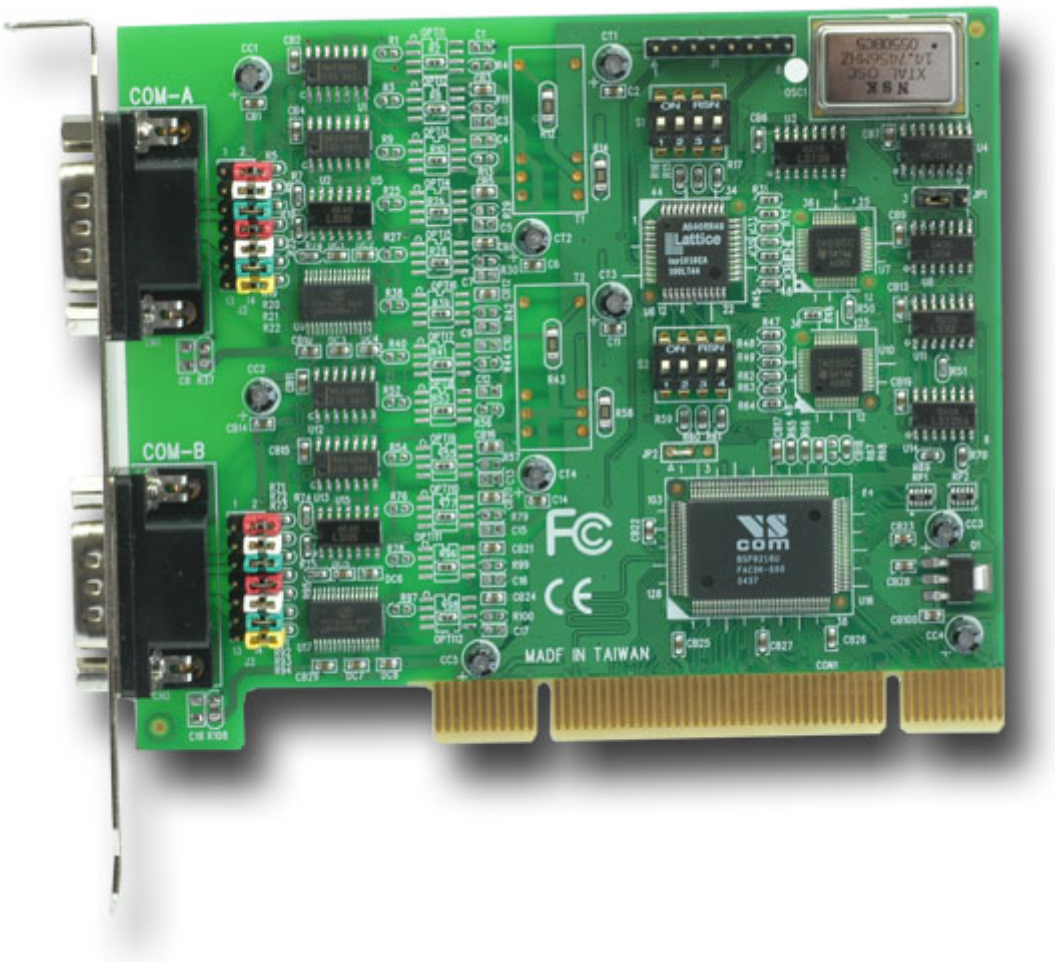

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