



## VXC-114U



## VXC-114U/D2

Universal PCI, 4-port RS-232 Communication Board

### Features

- Supports 3.3 V/5 V PCI bus, Plug and Play
- Provides 4-port RS-232
- 128 Bytes hardware FIFO for each port
- Built-in COM-Selector
- +/-4 kV ESD Protection
- Short Card Design
- Up to 128 KB software FIFO for each COM port under Windows
- DOS, Windows NT/2K/XP/2003 and Linux driver supported

### Software

- Driver for Windows NT 4.0
- Driver for Windows 2000/XP/2003/Vista (32-bit)
- Driver for Linux



## Introduction

The VXC-114U card provides 4 RS-232 serial ports. It equips 128 bytes hardware FIFO for each port, offers speed up to 115200 bps and supports full-duplex communication.

Users can select a specified COM port number manually by setting dipswitch, or let the driver to choose an available number automatically. The driver provides a maximum of 128KB software FIFO for each COM port under Windows. It's practical for large file transmission.

In the harsh industrial environment, the on board ESD protection can protect the computer and equipment from being damaged by high potential voltage.

## Applications

- Industrial Machinery
- Building Automation
- Restaurant Appliances
- Laboratory Equipment & Research
- Industrial Communication

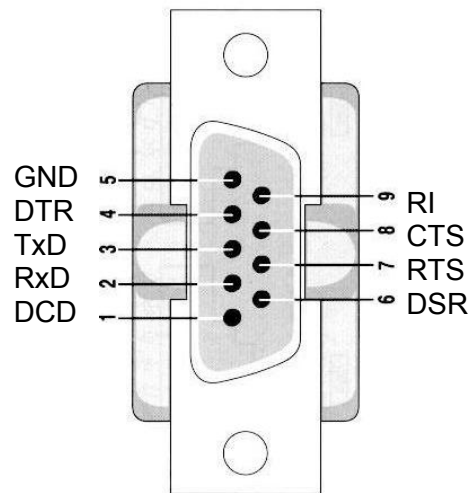
## Specifications

Interface	Universal PCI, 3.3 V and 5 V, 33 MHz, 32-bit, Plug and Play mechanism
COM1 ~ COM4	RS-232
UART	16C550 compatible
Baud Rate	50 ~ 115200 bps
Data Bit	5, 6, 7, 8
Stop Bit	1, 1.5, 2
Parity	None, Even, Odd, Mark, Space
FIFO	Internal 128 bytes
Connector	Female DB-37
Operating Temperature	0 ~ 50 °C
Storage Temperature	-20 °C ~ 70 °C
Humidity	0 ~ 90% RH, non-condensing
Dimensions (L X W)	130 mm x 105 mm

## Pin Assignment

Pin Assignment Name	Terminal No.	Pin Assignment Name
N.C.	01	20 RI3
DCD3	02	21 DTR3
GND	03	22 DSR3
CTS3	04	23 RTS3
RxD3	05	24 TxD3
RI4	06	25 DCD4
DTR4	07	26 GND
DSR4	08	27 CTS4
RTS4	09	28 RxD4
TxD4	10	29 RI2
DCD2	11	30 DTR2
GND	12	31 DSR2
CTS2	13	32 RTS2
RxD2	14	33 TxD2
RI1	15	34 DCD1
DTR1	16	35 GND
DSR1	17	36 CTS1
RTS1	18	37 RxD1
TxD1	19	

37-Pin Female D-Sub Connector\_RS232



RS232 DB-37 to DB-9 Pin Assignment

## Ordering Information

<b>VXC-114U CR</b>	Universal PCI, 4-port RS-232 communication board.(RoHS) Includes one CA-4002 connector.
<b>VXC-114U/D2 CR</b>	Universal PCI, 4-port RS-232 communication board.(RoHS) Includes one CA-9-3715D cable.

## Optional Accessories

<b>CA-4002</b>	37-pin Male D-sub connector with plastic cover.
<b>CA-9-3715D</b>	DB-37 Male (D-sub) to 4-Port DB-9 Male (D-sub) cable. 1.5 M Cable for VXC series (180°)

