2-2 Serial Communication Cards

VXC-112AU/VXC-112iAU *NEW*

VEX-112/VEX-112i *NEW*

Serial Communication Card with 2 RS-232 ports

VXC-112AU/VXC-112iAU   VEX-112/VEX-112i

Features ▶▶▶▶

- Built-in COM-Selector
- Provides 2 RS-232 ports
- +/-4 kV ESD Protection for i versions
- Supports PCI Express bus for VEX series
- 128 KB Software Buffer (max.) for Each Port Under Windows

- Short Card Design
- 2500 V$_{rms}$ Isolation for i versions
- Supports 3.3 V/5 V PCI bus for VXC series
- 128-byte Hardware FIFO for Each Port
- RoHS compliant & no Halogen

Hardware Specifications

Models	VXC-112AU	VXC-112iAU	VEX-112	VEX-112i
Communication Port				
COM1, COM2	RS-232 (TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND)			
UART	16C950 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			
Isolated	–	2500 V$_{rms}$	–	2500 V$_{rms}$
General				
Bus Type	Universal PCI, 3.3 V/5 V, 33 MHz, 32-bit, Plug and Play		PCI Express x1, Plug and Play	
COM-Selector	Yes (8-bit DIP switch)			
Connector	2 x DB-9 (Male)			
Power Consumption	100 mA @ 5 V	480 mA @ 5 V	120 mA @ 5 V	440 mA @ 5 V
Operating Temperature	0 °C ~ +50 °C			
Storage Temperature	-20 °C ~ +70 °C			
Humidity	0 ~ 90% RH, non-condensing			
Dimensions (L x W x D)	134 mm x 90 mm x 22 mm		109 mm x 94 mm x 22 mm	

Software

- Driver for 32-bit and 64-bit Windows XP/2003/Vista/7
- Driver for Linux

Pin Assignments

Pin Assignment	Terminal		No.	Pin Assignment
GND	05		09	RI
DTR	04		08	CTS
TxD	03		07	RTS
RxD	02		06	DSR
DCD	01			

Male DB-9 Connector

Ordering Information

VXC-112AU CR	Universal PCI, Serial Communication Card with 2 RS-232 ports (RoHS)
VXC-112iAU CR	Universal PCI, Serial Communication Card with 2 Isolated RS-232 ports (RoHS)
VEX-112 CR	PCI Express, Serial Communication Card with 2 RS-232 ports (RoHS)
VEX-112i CR	PCI Express, Serial Communication Card with 2 Isolated RS-232 ports (RoHS)

Accessories

CA-0910F	9-Pin Female-Female D-Sub Cable 1 m
CA-0915	9-Pin Male-Female D-Sub Cable, 1.5 m
CA-PC09F	9-Pin Female D-Sub Connector with Plastic Cover
DN-09-2F	I/O Connector Block with DIN-Rail Mounting and Two 9-Pin Male Header. Includes CA-0910F x 2 (9-Pin Female-Female D-Sub Cable 1 m)

Multi-port Serial Cards