



VXC-118U PCIe-S118

Serial Communication Card with 8 RS-232 ports

Hardware Specifications

Models		VXC-118U	PCIe-S118
Communication Port			
COM1 ~ COM8	RS-232	RS-232 (Tx/D, Rx/D, RTS, CTS, DTR, DSR, DCD, GND)	
UART		16C950 compatible	
Baud Rate		50 - 115200 bps	2400 - 921600 bps
Data Bit		5, 6, 7, 8	
Stop Bit		1, 1.5, 2	
Parity		None, Even, Odd, Mark, Space	
FIFO		Internal 256 bytes	
General			
Bus Type		3.3 V/ 5 V Universal PCI, 32-bit, 33 MHz	PCI Express x1
COM-Selector		No	
Connector		Female DB-62	
Power Consumption		120 mA @ 5 V	
Operating Temperature		0 ~ 60°C	
Storage Temperature		-20 ~ 70°C	
Humidity		5 ~ 85% RH, non-condensing	
Dimensions (W x L x D) (Unit: mm)		121 x 132 x 22	121 x 132 x 22

Ordering Information

VXC-118U CR	Universal PCI, Serial Communication Card with 8 RS-232 ports. (RoHS) Includes one CA-PC62M D-Sub connector.
VXC-118U/D2 CR	Universal PCI, Serial Communication card with 8 RS-232 ports (RoHS) Includes one CA-9-6210 cable.
PCIe-S118 CR	PCI Express, Serial Communication Card with 8 RS-232 ports. (RoHS) Includes one CA-PC62M D-Sub connector.
PCIe-S118U/D2 CR	PCI Express, Serial Communication card with 8 RS-232 ports (RoHS) Includes one CA-9-6210 cable.

Accessories

CA-PC62M	62-Pin Male D-Sub Connector with Plastic Cover
CA-9-6210	DB-62 Male (D-Sub) to 8 Port DB-9 Male (D-sub) Cable, 1.0 M (180°)

Features

- Supports 3.3 V/5 V PCI Bus for VXC-118U
- PCI Express x1 for PCIe-S118
- Provides 8 RS-232 ports
- 256-byte Hardware FIFO for Each Port
- Automatically select an available COM port number
- Supports COM port number selection under software control
- Short Card Design
- RoHS compliant & no Halogen



Software

Drivers

- ☒ 32-bit Windows XP/2003/2008/7/8/10
- ☒ 64-bit Windows XP/2003/2008/7/8/10

Pin Assignments

Terminal No.	Pin Assignment	Terminal No.	Pin Assignment	Terminal No.	Pin Assignment
01	TxD_0	22	RxD_0	43	CTS_0
02	DTR_0	23	DSR_0	44	RTS_0
03	RxD_1	24	DCD_0	45	GND
04	DSR_1	25	TxD_1	46	CTS_1
05	DCD_1	26	DTR_1	47	RTS_1
06	TxD_2	27	RxD_2	48	CTS_2
07	DTR_2	28	DSR_2	49	RTS_2
08	RxD_3	29	DCD_2	50	GND
09	DSR_3	30	TxD_3	51	CTS_3
10	DCD_3	31	DTR_3	52	RTS_3
11	RxD_4	32	GND	53	CTS_4
12	DSR_4	33	TxD_4	54	RTS_4
13	DCD_4	34	DTR_4	55	GND
14	TxD_5	35	RxD_5	56	CTS_5
15	DTR_5	36	DSR_5	57	RTS_5
16	RxD_6	37	DCD_5	58	GND
17	DSR_6	38	TxD_6	59	CTS_6
18	DCD_6	39	DTR_6	60	RTS_6
19	RxD_7	40	GND	61	CTS_7
20	DSR_7	41	TxD_7	62	RTS_7
21	DCD_7	42	DTR_7		

CON1

Pin Assignment	Terminal No.	Pin Assignment
GND	05	-
DTR	04	09
TxD	03	08
RxD	02	07
DCD	01	06

RS-232 Female DB-62 to Male DB-9 Connector

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 two CA-0910F Cables