

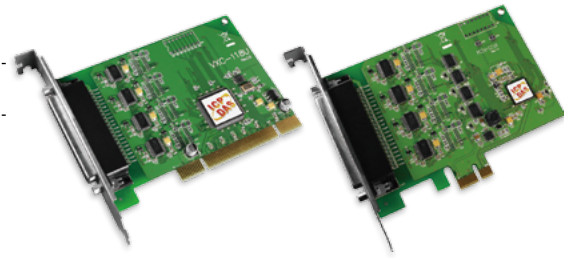
**VXC-118U** **NEW**

**PCIe-S118** **Available soon**

Serial Communication Card with 8 RS-232 ports

VXC-118U

PCIe-S118



**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

**Hardware Specifications**

Models	VXC-118U	PCIe-S118
<b>Communication Port</b>		
COM1 ~ COM8	RS-232	RS-232 (TxD, RxD, 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	
<b>General</b>		
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 °C ~ +60 °C	
Storage Temperature	-20 °C ~ +70 °C	
Humidity	0 ~ 90% RH, non-condensing	
Dimensions (L x W x D)	132 mm x 121 mm x 22 mm	131 mm x 121 mm x 22 mm

**Software**

- Driver for 32-bit Windows XP/2003/Vista/7/8
- Driver for 64-bit Windows XP/2003/Vista/7/8

**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°)

**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

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

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

**VXC-148U**      **NEW**

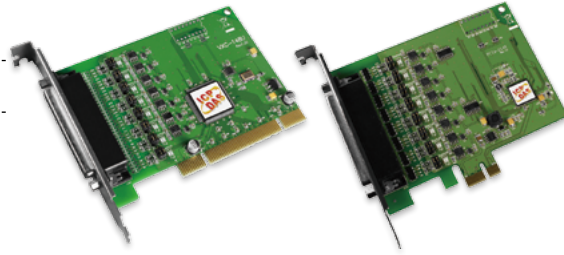
**PCIe-S148**      **Available soon**

Serial Communication Card with 8 RS-422/485 ports



VXC-148U

PCIe-S148



**Features** ▶▶▶

- Supports 3.3 V/5 V PCI Bus for VXC-148U
- PCI Express x1 for PCIe-S148
- Provides 8 RS-422/485 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

**Hardware Specifications**

Models	VXC-148U	PCIe-S148
<b>Communication Port</b>		
COM1 ~ COM8	RS-422/485	The RS-422 and RS-485 cannot be used simultaneously
	RS-422	TxD+, TxD-, RxD+, RxD-, GND
	RS-485	Data+, Data-, 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	
<b>General</b>		
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 °C ~ +60 °C	
Storage Temperature	-20 °C ~ +70 °C	
Humidity	0 ~ 90% RH, non-condensing	
Dimensions (L x W x D)	128 mm x 121 mm x 22 mm	

**Software**

- Driver for 32-bit Windows XP/2003/Vista/7/8
- Driver for 64-bit Windows XP/2003/Vista/7/8

**Ordering Information**

VXC-148U CR	Universal PCI, Serial Communication card with 8 RS-422/485 ports (RoHS) Includes one CA-PC62M D-Sub connector.
VXC-148U/D2 CR	Universal PCI, Serial Communication card with 8 RS-422/485 ports (RoHS) Includes one CA-9-6210 cable.
PCIe-S148 CR <b>Available soon</b>	PCI Express, Serial Communication Card with 8 RS-422/485 ports. (RoHS) Includes one CA-PC62M D-Sub connector.
PCIe-S148/D2 CR <b>Available soon</b>	PCI Express, Serial Communication Card with 8 RS-422/485 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°)

**Pin Assignments**

Terminal No.	Pin Assignment	Terminal No.	Pin Assignment	Terminal No.	Pin Assignment
01	RxD0+	22	TxD0+/Data0+	43	-
02	RxD0-	23	-	44	-
03	TxD1+/Data1+	24	TxD0-/Data0-	45	GND
04	-	25	RxD1+	46	-
05	TxD1-/Data1-	26	RxD1-	47	-
06	RxD2+	27	TxD2+/Data2+	48	-
07	RxD2-	28	-	49	-
08	TxD3+/Data3+	29	TxD2-/Data2-	50	GND
09	-	30	RxD3+	51	-
10	TxD3-/Data3-	31	RxD3-	52	-
11	TxD4+/Data4+	32	GND	53	-
12	-	33	RxD4+	54	-
13	TxD4-/Data4-	34	RxD4-	55	GND
14	RxD5+	35	TxD5+/Data5+	56	-
15	RxD5-	36	-	57	-
16	TxD6+/Data6+	37	TxD5-/Data5-	58	GND
17	-	38	RxD6+	59	-
18	TxD6-/Data6-	39	RxD6-	60	-
19	TxD7+/Data7+	40	GND	61	-
20	-	41	RxD7+	62	-
21	TxD7-/Data7-	42	RxD7-		

CON1

Terminal No.	Pin Assignment
01	TxD-/Data-
02	TxD+/Data+
03	RxD+
04	RxD-
05	GND
06	-
07	-
08	-
09	-

RS-422/485 Female DB-62 to Male DB-9 Connector

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Multi-port Serial Cards