Model:UT-788

PCI-E to 8-port RS-232 high-speed serial card

Datasheet

1. Overview

UT-788 is a general-purpose PCI-E serial card designed for POS, ATM and other applications that can be used in industrial automation system manufacturing and system integration. UT-788 provides 8 RS-232 serial ports that can connect to a wide range of serial devices such as PCs, terminals, modems, printers, scanners and more. Each port can reach a data rate of 921.6Kbps and provides modem control signals to ensure the compatibility of serial device peripherals.

2. Major Functions & Features

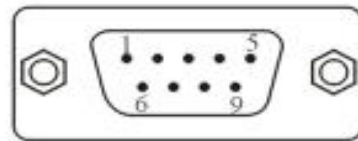● Support 8 ports industrial RS-232 PCI-E multi-serial card

3. Technical Parameters

● Hardware Interface
Connection type: 1 DR62 female
Bus: X1 2.5Gbps PCI Express
Signal：RS-232：DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS
● Transmission rate：300bps-921.6Kbps
● Data bit: 5,6,7,8
● Stop bit: 1,1.5,2
● Check bit: None,Even,odd,Space,Mark
● Control flow: RTS/CTS XON/XOFF
● Operating temperature: -40～85°C
● Support system:Win2000/XP/Vista/Win7/NT4.0/CE 4.2/5.0/6.0/Vxworks/Linux 2.4.x/2.6.x
● RS-232 interface rate up to 921.6Kbps
● Support 256byte FIFO driver and built-in hardware and software
● Flow control, universal PCI-E interface.

4. Pin Assignment

● DB9 male type: RS-232C output signal pin assignment (Port1-Port8)

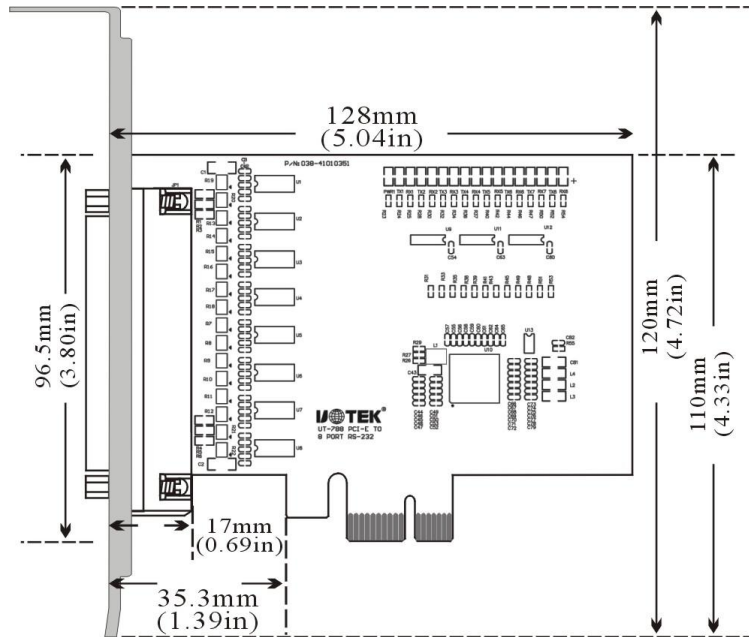| DB9 male type(PIN)	RS-232 interface signal
1	GND
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RST
8	CTS
9	RI

DB9 male

5. Product View (Appearance)

6. Structure Dimensions

7.Ordering Information

	Signal/Interface		Port Number		Protection level	Baud rate	Operating Environment			Power	
							Temperature		Humidity		
	PCI-E	RS-232	PCI-E	RS-232	RS232		0~70°C	-40~85°C	5~95%	plug and play	External power
UT-788	Universal	DR62	1	8	±15KV ESD	300bps-921.6kbps		√	√	√	