

Model:UT-788

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

Datasheet



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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

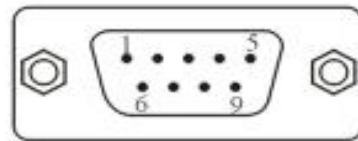
- Hardware Interface
Connection type: 1 DR62 female
Bus: X1 2.5Gbps PCI Express
Signal: RS-232: DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS
- Transmission rate: 300bps-921.6Kbps
- Data bit: 5,6,7,8
- Stop bit: 1,1.5,2
- Check bit: None,Even,odd,Space,Mark
- Control flow: RTS/CTS XON/XOFF
- Operating temperature: -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

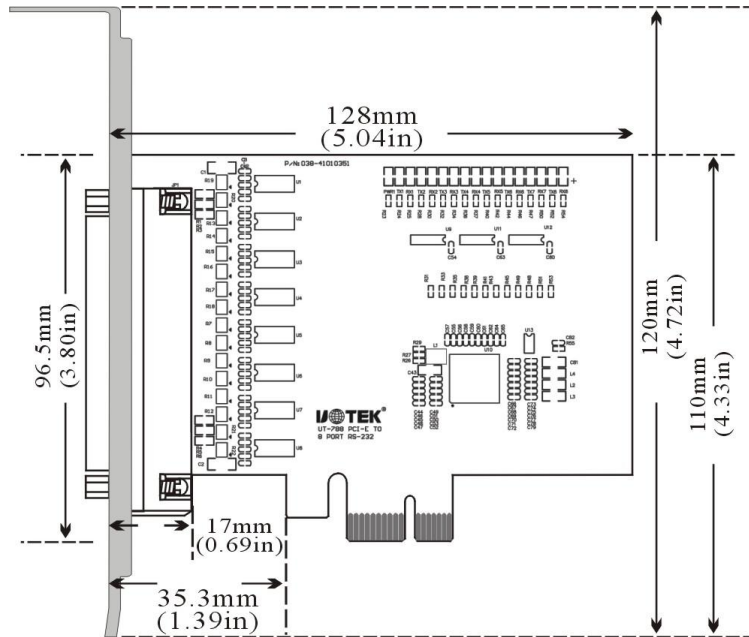
DB9 male



5. Product View (Appearance)



6. Structure Dimensions



7. Ordering Information

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