


	Product Name	Key Feature
	<p style="text-align: center;"><b>UT-712</b></p> <p style="text-align: center;"><b>2-ports RS485/422 PCI/PCI-Express to Serial</b></p>	<div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="border: 1px solid gray; padding: 5px; margin: 5px;">PCI</div> <div style="margin: 5px;">→</div> <div style="border: 1px solid gray; padding: 5px; margin: 5px;">RS422/485 2</div> <div style="border: 1px solid gray; padding: 5px; margin: 5px;">1.2KM</div> <div style="border: 1px solid gray; padding: 5px; margin: 5px;">ESD protection</div> <div style="border: 1px solid gray; padding: 5px; margin: 5px;">Lightning strike protection</div> </div>

## INTRODUCED

### I. Summary

The UT-712 is a general use PCI serial port card designed for POS and ATM application. It can be used in industrial automation system manufacturing and system intergration. The UT-712 provides two RS-485/422 serial ports and can be connected to equipment with multiple serial ports like PCs, terminal devices, modems, printer, scanners, etc. The data of speed of each port can reach up to 921.6 Kbps and provide a modem control signal which can ensure the compatibility serial port equipment with peripherals. The UT-712 can work under a 3.3V or 5V PCI bus allowing the serial port card to be installed in any usable PC or server.

### II. Specification:

- Hardware Interface:
  - Connector: DB9 male 2
  - Bus: 32 bit Universal PCI
- Signal:
  - RS-422: T/R+, T/R-, RXD+, RXD-, GND
  - RS-485: Data+ (A) Data- (B) GND
- Transmission: 300bps-115.2kbps
- Data bits: 5, 6, 7, 8
- Stop bits: 1, 1.5, 2
- Parity: None, Even, odd, Space, Mark
- Flow Control: RTS/CTS XON/XOFF
- Operating Temperature: 0~70°C
- Optical Isolation Protection: Isolation Voltage 2500Vrms 500VDC Continuous DC/DC Module
- Interface Protection: 600W Surge Protection each line for RS-422 and RS-485 interface ESD Protection
- Transmission: 1-1200meters (115200bps-9600bps)
- Operating Systems: Windows 2003/XP/2000/98/ME, Linux, UNIX Drivers

## INFORMATION ORDER

**MODEL: UT-712** PCI/PCI-Express to Serial  
2-port RS485/422 with 2.5KV isolation protection