

	Product Name	Key Feature
	<p style="text-align: center;"><b>UT-794</b></p> <p style="text-align: center;"><b>4-ports RS485/422 with ESD protection PCI/PCI-Express to Serial</b></p>	

## INTRODUCED

### I. Summary:

UT-794 industrial PCI converter card is designed to convert PCI signals into RS-422/RS-485 signals. The built-in opto-isolator and state-of-the-art TVS, Transient Voltage Suppressor, are being used in the system. It is also equipped with a high-speed transient voltage suppressing protector, which can protect circuit components from damages caused by transient high voltage impacts. The protector can effectively suppress the lightning and ESD. It also provides 600W of lightning surge protection for each line, and protection against surge voltage and transient over voltage caused by any other factors. It also guarantees the high-speed transmission of RS-422/RS-485 interface.

### II. Specification:

- Hardware Interface
- Connection Type: DR44 female x1;
- BUS: X1 2.5Gbps PCI Express
- Signal RS-422: T/R+, T/R-, RXD+, RXD-, GND;
- Signal RS-485: Data+ (A) Data-(B) GND
- Transmission Rate: 300bps-921.6Kbps
- Data Bit: 5, 6, 7, 8;
- Stop Bit: 1, 1.5, 2
- Parity Bit: None, Even, odd, Space, Mark
- Flow Control: RTS/CTS XON/XOFF
- Operating Temperature: -45°C~80°C
- Interface Protection:600W surge protection per line for RS-485, RS-422 interface,±15KV ESD protection
- Transmission distance: RS-485/422 communication distance reaches up to 1.2Km
- SupportingSystem:Win2000/XP/Vista/Win7/NT4.0/CE4.2/5.0/6.0/Vxworks/Linux 2.4.x/2.6.x

## INFORMATION ORDER

**MODEL: UT-794**

Multi-Serial Port Card  
4-ports PCI-E to RS485/422 with ESD protection