

## 4-port RS-232 or RS-322/422/485 PCI communication board with/without surge protection

- Automatic data flow control for RS-485
- Speeds up to 921.6 Kbps
- PCI bus spec.2.1 compliant
- I/O address automatically assigned by PCI plug&play
- Interrupt status register for increased performance
- Powerful and easy to use Utility (ICOM Tools)
- Supported Windows 95/98/NT/2000/XP and Linux

### Description:

The 4-port RS-232/422/485 communication card with optionally surge protection is compatible with PCI 2.1 bus specification. It features lots of functions such as high transmission speed 921.6 Kbps. The cards also comes with high-performance 16PCI954 UART with 128-byte FIFO to reduce CPU load. To further increase PCI-1610/1612B offers surge protection technology, protecting the system from abrupt high voltage 2500 Vdc. A convenient utility program, ICOM Tools helps to test the PCI card performance by analysing the port status.

### Applications:

- Data acquisition
- Industrial serial communication
- Industrial process control

### Specification:

Bus-Interface: PCI bus spec. 2.1 compl.  
 IRQ: All ports use the same IRQ assigned by PCI plug&play  
 Data Bits: 5, 6, 7, 8  
 Stop Bits: 1, 1.5, 2  
 Parity: none, even, odd  
 Communication Controller: 16PCI954  
 Speed: 50 ~ 921.6 Kbps



Data Signals: TxD, RxD, RTS, CTS,  
 DTR, DSR, DCD, GND (RS-232)  
 TxD, RxD, RTS, CTS (Rs-422/485)

Surge Protection:  
 3000 Vdc (PCI-1610B)  
 2500 Vdc (PCI-1612B)

Software: ICOM Tools

Driver Support:  
 Windows 98/ME/2000/XP and Linux

Power Consumption:  
 PCI-1610: 60mA/+12V 150mA/+5V  
 PCI-1612: 60mA/+12V 270mA/+5V

Dimension:  
 185 mm x 100 mm (PCI-1612)  
 123 mm x 92 mm (PCI-1610)

Operating Temperature: 0° ~ 65° C

Operating Humidity: 5 ~95%, Relative  
 Humidity, non condensing

### Order information:

PCI-1610A  
 4-port RS-232 board  
 DB-25 cable included

PCI-1610A/9  
 4-port RS-232 board  
 DB-9 cable included

PCI-1610B  
 4-port RS-232 board  
 with surge protection  
 DB-25 cable included

PCI-1610B/9  
 4-port RS-232 board  
 with surge protection  
 DB-9 cable included

PCI-1612A  
 4-port RS-232/422/485  
 DB-25 cable included

PCI-1612A/9  
 4-port RS-232/422/485  
 DB-9 cable included

PCI-1612B  
 4-port RS-232/422/485  
 with surge protection  
 DB-25 cable included