

## PCI 4 & 8 Port Serial Boards With Or Without Isolation

### PCI 242/244H

Registered  
**ISO 9001**  
Company

- PCI 242 four RS232 serial ports with flexible independent addressing.
- PCI 242 backwardly compatible with C104H ISA board
- PCI 244 eight RS232 serial ports with flexible independent addressing
- PCI 244 backwardly compatible with PC231 ISA board
- Plug 'n' Play
- Single PCI interrupt for all ports
- Full duplex/multidrop/broadcast, all software selectable
- Data rates up to 1Mbaud
- 128 character FIFO on each port
- Auto ring back for remote PC control
- ESD protected devices on all serial data and control lines
- Slew rate limited transmitters for improved EMC and reduced reflections
- Windows 95/8 & NT/2000 drivers supplied, which directly replaces Microsoft Drivers.



PCI 244Hi



This comprehensive range of PCI bus multi-port serial boards offers all the features required by today's demanding communications environment.

### Fail-safe high speed

These half length boards will operate in all PCI compatible computers and have an especially flexible base address, allowing each port to be addressed independently. Registers occupy 8 continuous locations above each base address.

The high speed transceivers feature fail-safe circuitry, which guarantees a logic level when the receiver inputs are shorted or open, or when they are connected to a terminated transmission line.

### Three port isolation on i versions

There is an i version of each board which has 75V three port opto-isolation on the serial data and control lines. This means that each port is isolated from the other and the PC.

### Manual

Manuals and software supplied on CD ROM.

DESCRIPTION	PRODUCT CODE
PCI-242H 4 port high speed RS232 PCI board	90986563
PCI-242Hi 4 port high speed RS232 isolated PCI board	90986573
PCI-244H 8 port high speed RS232 PCI board	90986583
PCI-244Hi 8 port high speed RSC232 isolated PCI board	90986593
Cable 37 way to four 25 D male connectors	90986577
Cable 37 way to four 9 pin D male connectors	90986578
Cable 78 way to eight 25 pin D male connectors	90986597
Cable 78 way to eight 9 pin D male connectors	90986598

### SPECIFICATION

Isolation of i versions	75Vpk (250Vpk under fault conditions)
ESD on chip protection	RS232 10KV
FIFOs	128 byte for receive and transmit
Baud rates	Programmable from 50 baud to 1Mbaud
Data bits	5, 6, 7 or 8
Stop bits	1 or 2
Parity	odd or even
Size	PCI 242H - 132 x 93mm PCI 242Hi - 132 x 93mm PCI 244H - 144 x 108mm PCI 244Hi - 230 x 108mm
Temperature range	Operating 0 to 60°C Storage -20 to 70°C
Power	5V@150mA max. non isolated 5V@250mA 5V@250mA max. isolated
Connectors	Metal shell D type connectors, shell grounded to PC chassis
Compliance	CE EMC

