

# MSC-204B1

4-Port RS-422/485 4PCI Express Card w/Octopus Cable



## Features

- ▶ Full x1 PCI Express Throughput, 250Mbytes/sec
- ▶ Fully Compliant with PCI Express Base Specifications, Revision 1.1
- ▶ Supports RS485 Auto Transceiver Turn Around by Unique Featured ATTA™ Hardware
- ▶ 128-byte deep FIFO per transmitter and receivers
- ▶ Supports Low Profile Form Factor with Low Profile Bracket
- ▶ Support 4-wire RS422/485 and 2-wire RS485 Modes
- ▶ Supports RS422/485 Speed up to 921.6Kpbs
- ▶ Optional Model: Isolated and 15KV ESD Surge Protection

## Specifications

### System

Fully Compliant with x1 PCI Express Base Specifications 1.1

### Serial Port(s)

4 x RS-422/485 Serial Ports

### Connectors

4 x DB9 Male Connectors over DB44 Octopus Cable

### Interface

3 modes are selectable:

- 4-wire RS-422 (TXD+/-, RxD+/-)
- 2-wire RS-485 (TxD+/-, RxD+/-)
- 2-wire RS-485 (Data+/-, Data+/-)

### Parity

None, Even, Odd

### Data bits

5,6,7,8,9 bits Data Frames

### Baud Rate

Up to 921.6Kbps

### Terminator

120 OHM, can be Enabled/Disabled by Jumpers

### ATTA™

Auto RS-485 Transmitter buffer direction control by the ATTA™ Hardware

### OS Support

Windows 2000, XP, 2003, 2008, Vista, Win 7, and Linux

### Operating Temperature

0 to 55°C (32 to 131°F)

### Operating Humidity

10% to 90% relative humidity (non-condensing)

### Storage Temperature

-40 to 75°C (-40 to 167°F)

### Storage Humidity

5% to 95% relative humidity (non-condensing)

### Dimensions

7.56" x 2.63" (19.20cm x 6.68cm)

### Warranty

5-Year Warranty

## Ordering Information

### MSC-204B1

4-Port RS-422/485 PCI Express Card with Octopus Cable

### MSC-204B1-SI

4-Port RS-422/485 PCI Express Card with Octopus Cable, Isolated and 15KV ESD Surge Protection