



# MSC-204A1

## 4-Port RS-232 PCI Express Card

### Features

- ▶ 1-Chip Solution for Increased Throughput & Reduced CPU Loading, as Opposed to Current 2-Chip Solutions
- ▶ Full x1 PCI Express Throughput, 250Mbytes/sec
- ▶ Fully Compliant with PCI Express Base Specifications, Revision 1.1
- ▶ 4 Fully 16C950 High Performance UART Channels
- ▶ Short Bracket included for Low Profile PCI form factor
- ▶ UARTs Fully Compatible with 16C550-type Devices
- ▶ Detection of Bad Data in the Receiver FIFO
- ▶ Provides 5V or 12V Power over Serial Connectors
- ▶ Supports Windows 95/98/Me, NT, 2000, XP, 2003, Vista, & Linux

### Specifications

#### System

Fully Compliant with x1 PCI Express Base Specifications 1.1

#### Serial Port(s)

4 x RS-232 via DB44F Connector

#### Brackets

Includes Standard & Short Bracket for Low Profile PCI form factor

#### Host Controller

Fully 16C550 and 16C950 UART compatible

#### FIFO

128-byte High Performance FIFO size

#### Baud Rate

Up to 921.6Kbps

#### Data Bits

5, 6, 7, 8, 9-bit Data Framing

#### Flow Control

Automated in band flow control using programmable Xon/Xoff in both directions

#### Data Signal

Automated out-of-band flow control using CTS#RTS# and/or DSR#DTR#

#### Power over Serial

Provides 5V or 12V over DB9 Connectors

#### Cable

DB44M to 4\*DB9M

#### OS Support

Windows 9x, Me, XP, NT, 2000, 2003, Vista, 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

3.44 x 2.62" (8.73 x 6.65cm)

#### Warranty

5-Year Warranty

### Ordering Information

MSC-204A1

4-Port RS-232 PCI Express Card, Supports Power Over Pin-9, Includes Low Profile Bracket