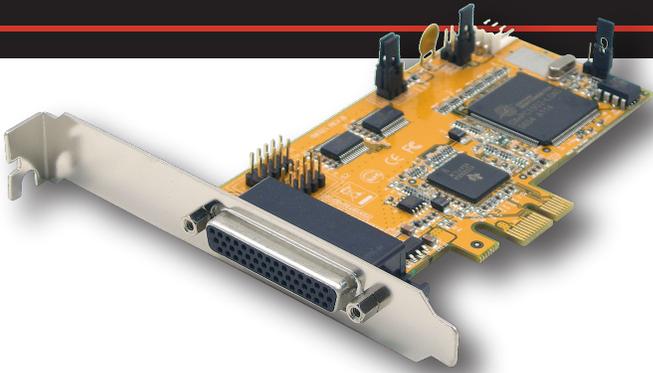


# MSC-202AL/MSC-202ALP

Low Profile 2-Port RS-232 PCI Express Card



## Features

- ▶ Full x1 PCI Express Throughput, 250Mbytes/sec
- ▶ Short Bracket included for Low Profile PCI form factor
- ▶ Fully Compliant with PCI Express Base Specifications, Revision 1.0a
- ▶ PCI Express Advanced Error Reporting Capability Including ECRC Support
- ▶ UARTs Fully Compatible with 16C550-type Devices
- ▶ Baud Rate up to 921.6Kbps
- ▶ 128-byte deep FIFO per transmitter and receiver
- ▶ 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 1.0a

### Serial Port(s)

MSC-202AL: 2 x Serial Ports  
MSC-202ALP: 2 x DB9 Serial Ports + 1 x DB25 Parallel Port

### 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

MSC-202AL: DB44 to 2\*DB9M  
MSC-202ALP: DB44 to 2\*DB9M + 1\*DB25F

### 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

4.72 x 2.60" (12.00 x 6.60cm)

### Warranty

5-Year Warranty

## Ordering Information

MSC-202AL 2-Port RS-232 PCI Express Card, Supports Power Over Pin-9, Low Profile  
MSC-202ALP 2-Port RS-232 + 1-port Parallel PCI Express Card, Supports Power Over Pin-9, Low Profile