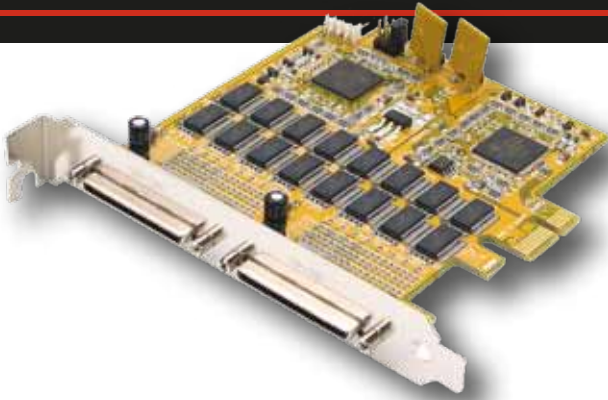


# MSC-216A

16-Port RS-232 PCI Express Card



## Features

- ▶ Full x1 PCI Express Throughput, 250Mbytes/sec
- ▶ 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
- ▶ 9-bit Data Framing, as well as 5,6,7 and 8 bits
- ▶ Provides 5V or 12V Power over Serial Connectors
- ▶ Automated in-band flow control using programmable Xon/Xoff in both directions
- ▶ Automated out-of-band flow control using CTS#RTS# and/or DSR#DTR#
- ▶ Supports for Windows 2000, XP, 2003, Vista and Linux

## Specifications

### System

Fully Compliant with x1 PCI Express Base Specifications 1.1

### Serial Port(s)

16 x RS-232 via 2 x VHDCI-68-to-(8 x DB9M) Cables

### 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

2 x VHDCI-68-to-(8 x DB9 Male) Cables

### OS Support

Windows 2000, 2003, XP, 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

3.86 x 3.77" (9.80 x 9.57cm)

### Warranty

5-Year Warranty

## Ordering Information

MSC-216A

16-Port RS-232 PCI Express Card