



MSC-202A1

2-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
- ▶ 8 Fully 16C950 High Performance UART Channels
- ▶ UARTs Fully Compatible with 16C550 Type Devices
- ▶ 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
- ▶ 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)

2 x Serial Ports

Serial Interface

2 x DB9-Male Connectors

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

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

3.38 x 2.44" (8.58 x 6.20cm)

Warranty

5-Year Warranty

Ordering Information

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2-Port RS-232 PCI Express Card, Supports Power Over Pin-9

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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