

MSC-204A1-S

4-Port RS232 PCI Express Serial Card Expansion with Octopus Cable



Features

- ▶ PCI Express Compliance with Revision 1.1
- ▶ 250Mbps Throughput
- ▶ 4 DB9M RS232 Connectors over a 44-pin Octopus Cable
- ▶ 4 High Performance 16C550 UART Channels
- ▶ Surge Protection: 15KV for RS232
- ▶ Baud Rate up to 921.6Kbps
- ▶ 5, 6, 7, 8 or 9-bit Data Framing
- ▶ 5V or 12V Power Available Over Serial Connectors
- ▶ Hardware and Software Flow Control
- ▶ Supports Slow IrDA on All Serial Ports
- ▶ Windows: 2000, XP, 2003, 2008, Vista, 7, 8, 10, Linux, and Mac OS
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' **MSC-204A1-S** PCI Express I/O adapter provides four high performance 16C650-type UART compatible RS232 serial ports. It is designed for a PC, thin client, or server to provide instant COM port expansion via the PCI Express Bus (PCIe).

PCI Express provides a scalable, high-speed, serial I/O bus that maintains backward compatibility with PCI applications and drivers. Its architecture defines a high-performance, point-to-point, scalable serial bus at speeds of 250Mbytes/sec (500Mbytes/sec for PCIe Gen 2) to 4GBytes/sec (and 8Gbytes/sec in the future).

The card is fully PCI Express Plug-and-Play compatible and there are no IRQ and I/O address conflict problems. The MSC-204A1-S provides the scalability to quickly adapt to new PCI Express technologies. It allows you to add serial connectivity as needed. The complete product line offers many choices helping to expand and make serial networking grow within specific requirements.

SPECIFICATIONS

Technology

Chipset 16C650

Properties

System Fully compliant with PCI Express Base Specification Revision 1.1

Data Process Store-and-forward

Transfer Rate 250Mbps

Port Interface

Connection Through PCI Express Bus

Cable 44-Pin Octopus Cable

Serial 4 DB9M RS232 Connectors

Protection

Surge Protection 15KV for the RS232 pins

Mechanical Characteristics

Dimensions 87 x 67 mm

Weight Unit: 0.5 lbs; Shipping: 1.0 lbs

Mounting PCI Express Bus

Power

Power Provided 5V or 12V Device Power over Pin 9

Environmental Limits

Operating Temperature 0° to 55°C

Storage Temperature -40°C ~ 75°C

Ambient Relative Humidity 5 to 95%, (non-condensing)

ORDERING INFO

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Optional Accessories

GC-F09F09-N Mini Gender Changer DB9 F/F Null Modem