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
► DIN-Rail and Wall Mount Support
► Windows: 2000, XP, 2003, 2008, Vista, 7, 8, 10 and Mac
► 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 speed 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 CI-58240B 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