antaira

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

MSC-204A1-S	4-Port RS232 PCI Express Serial Card Expansion with Octopus Cable
Optional Accessories	
GC-F09F09-N	Mini Gender Changer DB9 F/F Null Modem

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.

US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660