MSC-202A-V3
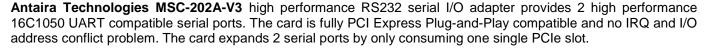
2-Port RS232 PCI Express Serial Card

Features

► PCI Express Compliance with Revision 1.0a/1.1
► Full x1 PCI Express Throughput, 250Mbytes/sec
► 2 High Performance 16C1050 UART Channels
► ±15kV IEC1000-4-2 ESD Protection for RS-232 I/O's
► Baud Rate: up to 921.6kbps
► Parity: None, Even, Odd
► Data Bits: 5, 6, 7, or 8-bit Characters
► Stop Bits: 1, 1.5, or 2 Stop Bit Generation
► 256-byte deep FIFO per transmitter and receiver
► Software/Hardware Flow Control & Xon/Xoff re-transmit function
► 5V or 12V Power Available Over Serial Connectors
► Windows: 2000, 2003, 2008, XP, Vista, 7, 8.x, 10 and Linux
► 5-Year Warranty

INTRODUCTION

Antaira Technologies MSC-202A-V3 high performance RS232 serial I/O adapter provides 2 high performance 16C1050 UART compatible serial ports. The card is fully PCI Express Plug-and-Play compatible and no IRQ and I/O address conflict problem. The card expands 2 serial ports by only consuming one single PCIe slot.

By supplying 5V and 12V DC power over its external DB9M connectors, the serial devices can be directly powered by the DB9M connectors, it simplified the configuration as well as saved the cost. The high performance serial interface was adapted by the complete software drivers to work in most of the major operating systems.

Moreover, the MSC-202A-V3's UART provides FIFO size up to 256-byte, software and hardware flow control feature. It's much better than the 16C550 that available from the current market. The MSC-202A-V3 is an ideal connection for your PC to industrial serial applications.

SPECIFICATIONS

Properties	
System	Fully Compliant with x1 PCI Express Base Specifications 1.0a/1.1
FIFO	256-byte per transmitter and receiver
Transfer Rate	250Mbytes/sec
Baud Rate	Up to 921.6kbps
Port Interface	
Connection	Through PCI Express Bus
Serial	2 DB9M RS232 Connectors
Protection	
ESD Protection	15kV for the RS232 I/O's

Mechanical Characteristics	
Dimensions	3.43 x 2.62'' (87.1 x 66.67 mm)
Weight	Unit: 0.5 lbs; Shipping: 1.0 lbs
Mounting	PCI Express Bus
Power	
Power Provided	5V or 12V Device Power over DB9M connectors
Environmental Limits	
Operating Temperature	0° to 55° C
Storage Temperature	-20°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)

ORDERING INFO

MSC-202A-V3   2-Port RS232 PCI Express Serial Card