MSC-208A2

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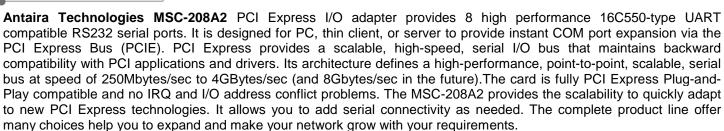

Features

► PCI Express Compliance with Revision 1.0a/1.1
► Full x1 PCI Express Throughput, 250Mbytes/sec
► 8 DB9M RS232 Connectors over a 44-pin Octopus Cable
► 8 High Performance 16C550 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-208A2 PCI Express I/O adapter provides 8 high performance 16C550-type UART compatible RS232 serial ports. It is designed for 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 to 4GBytes/sec (and 8Gbytes/sec in the future).The card is fully PCI Express Plug-and-Play compatible and no IRQ and I/O address conflict problems. The MSC-208A2 provides the scalability to quickly adapt to new PCI Express technologies. It allows you to add serial connectivity as needed. The complete product line offer many choices help you to expand and make your network grow with your requirements.

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
Cable	44-Pin Octopus Cable
Serial	8 DB9M RS232 Connectors
Protection	
ESD Protection	15kV for the RS232 I/O's

Mechanical Characteristics	
Dimensions	3.63 x 2.68'' (9.22 x 6.80 cm)
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-208A2	8-Port RS232 PCI Express Serial Card Expansion with Octopus Cable
Optional Accessories	
GC-F09F09-N	Mini Gender Changer DB9 F/F Null Modem