antaira ®

MSC-104CL

4-Port RS232/422/485 3-in-1 Universal PCI Serial Card with Low Profile PCI Support

Features

▶ Fully PCI Bus 2.3 and PCI Power Management 1.1 Compliant
▶ Supports 4 RS232/422/485 Serial Ports over a PCI Slot
▶ Supports Low Profile Form Factor by an Optional Short Bracket
▶ Independent Mode-Selection DIP Switch Pins for Each Port
▶ Supports RS232, RS422, RS485-4Wire and RS485-2Wire Modes
▶ ±15kV IEC1000-4-2 ESD Protection for RS-232 I/O's
▶ Supports Both 3.3V and 5V PCI Slots
▶ Baud Rate up to 921.6 Kbps in an Asynchronous Mode
▶ 256-Byte Deep FIFO per Transmitter and Receiver
▶ Supports 5V or 12V over DB44 Connector Pins, the Fan-Out Octopus Cable Supplies it to DB9 Connectors
▶ Software/Hardware Flow Control & Xoff Re-Transmit Function
▶ Supports Win98/ME, 2K, 2003, XP, Vista, Win7, 8, 8.1 and Linux
▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' new MSC-104CL is a high performance RS232/422/485 3-in-1 multiple serial I/O card. Each port can be individually set in an RS232, RS422, RS485-4wire or RS485-2wire mode. The card is fully PCI plug-and-play compatible with no IRQ or I/O address conflict. It also comes with complete software drivers to support most of the major operating systems. The item will include an external DB44M-to-4xDB9M fan out octopus cable and provides a software/hardware flow control function and 256-byte FIFO feature. The MSC-104CL is an ideal serial COM port expansion solution for any host computer in any industrial serial application.

SPECIFICATIONS

Technology	
Standards	Fully PCI 2.3 and PCI Power Management 1.1 compatible
Interface	
Serial Ports	4 * RS232/422/485 serial ports, with a DB44Female output connector
Connection Cable	1 * DB44M-to4xDB9M fan out cable
Performance	
UARTs	256-byte FIFOs
Modes	RS232, RS422, RS485-4wire, and RS485-2wire selectable
Baud Rate	Up to 921.6Kbps
Parity	None, Even, Odd
Data Bits	1, 1.5, or 2 Stop Bit Generation
Flow Control	Software/Hardware & Xoff Transmit
OS Support	Windows 98, ME, 2000, 2003, Vista, Win 7, Win 8, 8.1, and Linux

Mechanical Characteristics	
Dimensions	120.00 x 63.50mm (4.72" x 2.50")
I/O Hardware	
External	One DB44M-to-Four-DB9-Male cable is included to provide 4 independent DB9 serial ports
Bracket	Optional Low Profile Short Bracket supports Low Profile PCI form factor
Environmental Limits	
Operating Temperature	0 to 55 C (32 to 131 F)
Storage Temperature	-20 to 85 C (-4 to 185 F)
Ambient Relative Humidity	5 to 95%, (non-condensing)
Warranty	
Warranty	5-Year

ORDERING INFO

MSC-104CL	4-Port RS232/422/485 Universal PCI Serial Card

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.

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