

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 | | Mechanical Characteristics | |
|-------------------------|--|----------------------------------|--|
| Standards | Fully PCI 2.3 and PCI Power Management 1.1 compatible | Dimensions | 120.00 x 63.50mm (4.72" x 2.50") |
| Interface | | I/O Hardware | |
| Serial Ports | 4 * RS232/422/485 serial ports, with a DB44Female output connector | External | One DB44M-to-Four-DB9-Male cable is included to provide 4 independent DB9 serial ports |
| Connection Cable | 1 * DB44M-to4xDB9M fan out cable | Bracket | Optional Low Profile Short Bracket supports Low Profile PCI form factor |
| Performance | | Environmental Limits | |
| UARTs | 256-byte FIFOs | Operating Temperature | 0 to 55 C (32 to 131 F) |
| Modes | RS232, RS422, RS485-4wire, and RS485-2wire selectable | Storage Temperature | -20 to 85 C (-4 to 185 F) |
| Baud Rate | Up to 921.6Kbps | Ambient Relative Humidity | 5 to 95%, (non-condensing) |
| Parity | None, Even, Odd | Warranty | |
| Data Bits | 1, 1.5, or 2 Stop Bit Generation | Warranty | 5-Year |
| Flow Control | Software/Hardware & Xoff Transmit | | |
| OS Support | Windows 98, ME, 2000, 2003, Vista, Win 7, Win 8, 8.1, and Linux | | |

ORDERING INFO

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