MSC-102B1L/MSC-102B1L-SI

2-Port RS-422/485 Universal PCI Card



Features

- Two 16C950 UART Serial Ports over PCI Slot
- Compliant to PCI Specification 3.0, 133MB/s
- RS-485 Auto Transceiver Turn Around by Unique Featured ATTA™ Hardware
- Supports Low Profile Form Factor with Short Bracket
- Two DB9-male Connectors over Octopus Cable
- 4-wire RS-422/485 and 2-wire RS-485 applications
- RS-422/485 speed up to 921.6Kpbs
- Optional DB9 to 5-pin Terminal Block Adapters
- 2,500Vrms Isolation and 15KV ESD Surge Protection

Specifications

System
For 32-bit 33/66MHZ PCI Bus Systems

PCI Interface
Fully PCI Bus Specification 3.0 compliant

Serial Port(s)
2 x DB9-male RS-422/485 Connectors via DB25 Cable

Interface
3 modes are selectable:
- 4-wire RS-422 (TXD+/-, RxD+/-)
- 4-wire RS-485 (TxD+/-, RxD+/-)
- 2-wire RS-485 (Data+/-, Data+/-)

Parity
None, Even, Odd

Data bits
5,6,7,8,9 bits Data Frames

Baud Rate
Up to 921.6Kbps

Terminator
120 OHM, can be Enabled/Disabled by Jumpers

Isolation Protection (MSC-102B1L-SI Model)
2,500Vrms Isolation

Surge Protection (MSC-102B1L-SI Model)
15KV ESD Surge Protection

ATTA™
Auto RS-485 Transmitter buffer direction control by the ATTA™ Hardware

Hardware
Supports Low Profile PCI Form Factor with Short Bracket

OS Support
Windows 9x, Me, XP, NT, 2000, 2003, 2008, Vista, 7, and Linux

Operating Temperature
0 to 55°C (32 to 131°F)

Operating Humidity
10% to 90% relative humidity (non-condensing)

Storage Temperature
-40 to 75°C (-40 to 167°F)

Storage Humidity
5% to 95% relative humidity (non-condensing)

Dimensions
4.72" x 2.51" (12.00cm x 6.40cm)

Warranty
5-Year Warranty

Ordering Information

MSC-102B1L	2-Port RS-422/485 Universal PCI Card
MSC-102B1L-SI	2-Port RS-422/485 Universal PCI Card with Surge and Isolation

Antaira Technologies, LLC - eMail: info@antaira.com - Toll-Free: (877) 229-3665 - Phone: (714) 671-9000 - FAX: (714) 671-9944