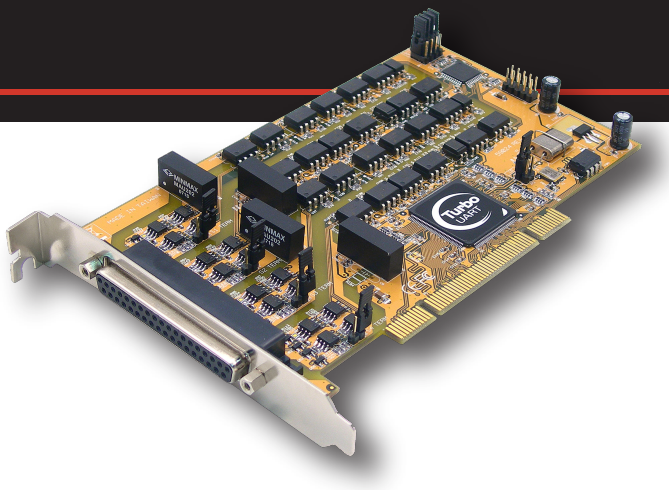
MSC-104B/MSC-104B-SI

4-Port RS-422/485 Universal PCI Card



Features

- Supports Quad 16C950 UART Serial Ports over PCI Slot
- Isolated and 15KV ESD Surge Protection (MSC-104B-SI Model)
- PCI 32-bit, PIO Mode with 133MB/S Bandwidth
- Supports RS-485 Auto Transceiver Turn Around by Unique Featured ATTA™ Hardware
- PCI IRQ Sharing Feature Eliminates IRQ Conflicts
- 4-wire RS-422/485 and 2-wire RS-485 applications
- Supports 128-Byte Deep FIFO
- Supports Baud Rate up to 921.6Kpbs
- Supports Windows 95/98/Me, NT, 2000, XP, 2003, Vista, & Linux

Specifications

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

PCI Interface
Fully PCI Bus Specification 2.2 compliant

Serial Port(s)
4 x RS-422/485 via DB44F Connector

Interface
3 modes are selectable:
- 4-wire RS-422 (TXD+/-, RxD+/-)
- 2-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-104B-SI Model)
Optical Isolated

Surge Protection (MSC-104B-SI Model)
15KV ESD Surge Protection Circuits

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

Cable
DB44M to 4*DB9M

OS Support
Windows 9x, Me, XP, NT, 2000, 2003, Vista, 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
3.88" x 6.63" (9.84cm x 16.83cm)

Warranty
5-Year Warranty

Ordering Information

MSC-104B	4-Port RS-422/485 Universal PCI Card
MSC-104B-SI	4-Port RS-422/485 Universal PCI Card w/ Surge and Isolation

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

antaira™
www.antaira.com