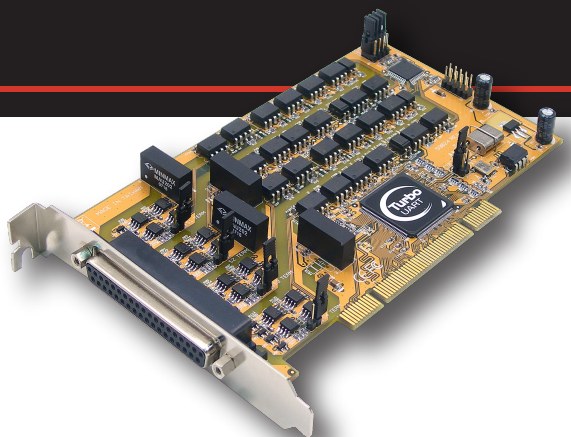


MSC-104B/MSC-104B-SI

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

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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