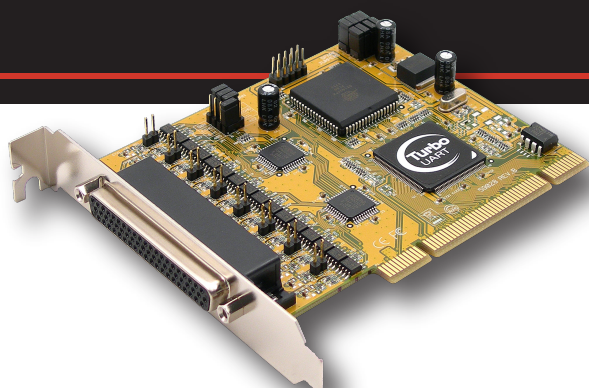


# MSC-108B

8-Port RS-422/485 Universal PCI Card



## Features

- ▶ Supports 8 x 16C950 UART Serial Ports over PCI Slot
- ▶ 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
- ▶ 8 x DB9-male Connectors with DB62M Octopus Cable
- ▶ 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)

8 x RS-422/485 via DB62F 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

### ATTA™

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

### Cable

DB62M to 8\*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

4.73" x 3.75" (12.00cm x 9.52cm)

### Warranty

5-Year Warranty

## Ordering Information

MSC-108B

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## 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.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660