MSC-208C
8-Port RS-232/422/485 Combo PCI Express Module Box

Features

▶ Full x1 PCI Express Throughput, 250Mbytes/sec
▶ Fully Compliant with PCI Express Base Specifications, Revision 1.1
▶ Supports 8 RS-232/422/485 Combo Serial Ports
▶ RS-232 Supports 3-wire Signals (TXD, RXD, GND)
▶ Supports 4-wire RS-422/485 and 2-wire RS-485 Modes
▶ 128-byte deep FIFO per transmitter and receivers
▶ Each Serial Port Supports 7-pin Lock-type Terminal Blocks
▶ Supports Low Profile Form Factor with Optional Low Profile Bracket
▶ Supports Baud Rate up to 921.6Kbps
▶ Isolated and 15KV ESD Surge Protection (MSC-208C-SI Model)

Specifications

System
Fully Compliant with x1 PCI Express Base Specifications 1.1

Serial Port(s)
8 x 7-pin terminal block connector RS-232/422/485 ports

LED
Supports LED Indicators for TXD and RXD Signal Activity

Interface
4 modes: 3-wire RS232, 4-wire RS422 (TXD+/-, RxD+/-).
4-wire RS485 (TxD+/-, RxD+/-). 2-wire RS485 (Data+/-)

Parity
None, Even, Odd

Data Bits
5, 6, 7, 8, 9-bit Data Framing

Speed
up to 921.6Kbps

Terminator
120 OHM, can be Enabled/Disabled by DIP switches

ATTA™
Auto RS485 Transmitter buffer direction control by the ATTA™
Hardware. Guarantee Fast Turn Around the Transceiver

Power
The Module Box can be powered by Cable or its 2-pin Terminal
Block Connector

OS Support
Windows 2000, XP, 2003, 2008, Vista, Win 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
9.68 x 3.37 x 0.91" (24.60 x 8.57 x 2.32cm)

Warranty
5-Year Warranty

Ordering Information

MSC-208C	8-Port RS-232/422/485 Combo PCI Express Module Box
MSC-208C-SI	8-Port RS-232/422/485 Combo PCI Express Module Box w/ Isolation and Surge Protection

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