antaira™

MSC-202AL1   2-Port RS-232 PCIe Card w/Cable

Features

- Full x1 PCI Express Throughput, 250Mbytes/sec
- Compliant with PCI Express Base Specifications, Revision 1.0a
- 2 x RS-232 Ports over an Octopus Cable
- 2 x 16C550 High performance UART channels
- UARTs Fully Compatible with all Serial Devices
- Baud Rate up to 921.6Kbps
- 256-byte deep FIFO per transmitter and receiver
- 9-bit Data Framing, as well as 5,6,7 and 8 bits
- Provides 5V or 12V Power over Serial Connectors
- Supports Hardware and Software Flow Control
- Supports Slow IrDA on All Serial Ports
- Supports Low Profile Form Factor with Short Bracket
- Supports Windows and Linux

Description

The MSC-202AL1 PCI Express I/O adapter provides 2 high performance 16C650-type UART compatible RS-232 serial ports. It is designed for PCs, thin clients, or servers to provide instant COM port expansion via the PCI Express Bus (PCIe).

PCI Express provides a scalable, high-speed, serial I/O bus that maintains backward compatibility with PCI applications and drivers. Its architecture defines a high-performance, point-to-point, scalable, serial bus at speeds of 250Mbytes/sec (500Mbytes/sec for PCIe Gen 2) to 4GBytes/sec (and 8Gbytes/sec in the future).

The card is PCI Express Plug-and-Play compatible with no IRQ and I/O address conflict problems. The MSC-202AL1 provides the scalability to quickly adapt to PCI Express technologies. It allows you to add serial connectivity as needed.

MSC-202AL1   2-Port RS-232 PCIe Card w/Cable

Specifications

System

Compliant with x1 PCI Express Base Specifications 1.0a

Serial Port

2 x DB9-male connectors via Cable

- 16C550 UART compatible
- 256-byte High Performance Transmit and Receive FIFO size
- Baud Rate up to 921.6Kbps
- 5, 6, 7, 8, 9-bit Data Framing
- Supports Hardware and Software Flow Control
- Provides 5V or 12V over DB9 Connectors

OS Support

Windows 2000, XP, 2003, 2008, Vista, 7, 8 and Linux

Environment

Operating Temp.: 0 to 55°C (32 to 131°F), 10% to 90% relative humidity (non-condensing)

Storage Temp: -40 to 75°C (-40 to 167°F), 5% to 95% relative humidity (non-condensing)

Form Factor

2.56 x 2.62 in. (6.50 x 6.65 cm)

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

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

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