



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.

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)