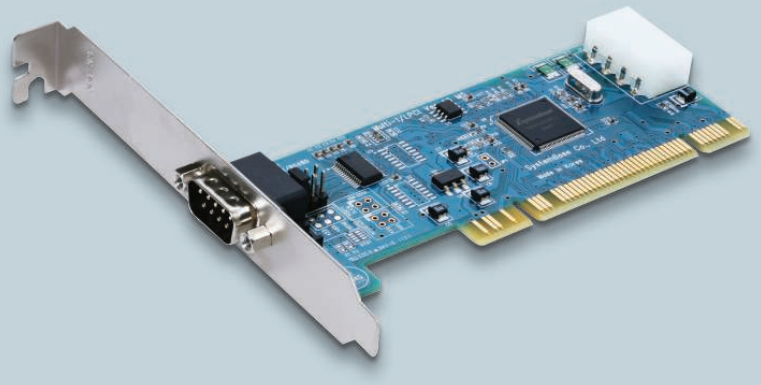
Multi-1/LPCIe



Overview

Easily add additional serial ports to your system. The Multi-1/LPCIe is equipped with SystemBase's powerful semiconductor – SB16C1052PCI, to deliver maximum performance up to 921.6Kbps with the world's leading 256 byte FIFO preventing overrun errors. Combine that with the need for fewer components and you get cost-effective and reliable connections to your serial devices. The Multiport boards support most Windows and Linux operating systems and include 15,000 volt surge suppression eliminating blown ports. The Multi-1/LPCIe has an on-board DB9 connector and is available in two models, RS232 and RS422/RS485 (COMBO). These boards are ideal for POS, hospitality, factory automation and building automation applications.

Power to the port

The Multi-1/LPCIe is configurable to deliver +5 or +12 volt power to pin 9 to power external devices. This functionality is ideal for connecting low power devices such as barcode readers and receipt printers eliminating the need for an external power supply.

15KV Surge Protection – Built-in:

Don't risk blown ports and down time. The Multi-1/LPCIe has built-in 15,000 volt surge suppression to protect against electrical spikes and blown ports giving you more reliable communications.

Specification

BUS Interface

Specification	PCI Express Base Specification 2.0

Serial

Interfaces	RS232, RS422, RS485
Number of ports	1
Communication Speed	Up to 921.6kbps
Signals	RS232: TX, RX, DTR, DSR, RTS, CTS, DCD, RI, GND RS422: TX+, TX-, RX+, RX- RS485: TRX+, TRX-
Protection	15kV Surge protection
Flow Control	RTS/CTS, XON/XOFF
Data crash prevent	Auto Toggling

Hardware

Controller	SB16C1052PCI
Board Connector	DB9 Male

Software

O/S	Windows 2000 (32-bit) Windows XP/Vista/7 (32/64bit) Windows Server 2003/2008 (32/64-bit) Linux, SCO Unix

Features

- 1 port serial communication card
- PCI Express Base Specification V1.1 & V2.0 support
- RS232 or RS422/RS485(COMBO) serial interfaces
- The world's leading 256 byte FIFO
- Communication speed: Up to 921.6kbps
- Power to the pin - deliver +5 or +12V to pin 9.
- Auto Togging: Automatic control of BUS I/O for RS422/RS485
- Slew-Rate limit control
- 15kV Surge protection

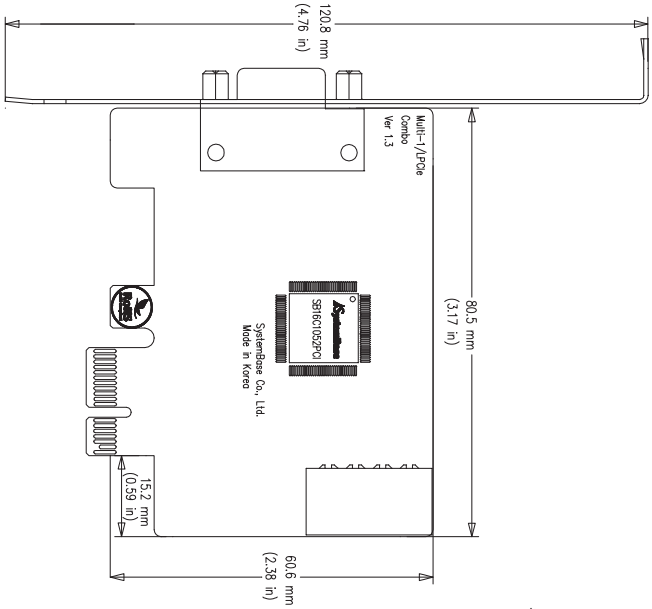
Environmental

Operation Temp.	0 ~ 55 ℃
Storage Temp.	-20 ~ 70 ℃
Humidity	5 ~ 95% Non-Condensing

Approvals

CE, FCC, KC

Dimension



unit : mm

Ordering Information

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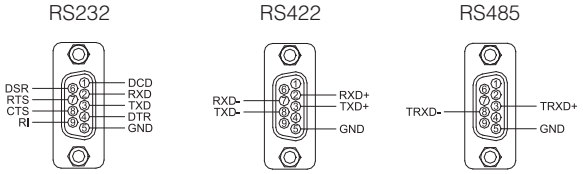
Multi-1/LPCIe RS232	Multi-1/LPCIe RS232, Driver & Manual CD
Multi-1/LPCIe COMBO	Multi-1/LPCIe COMBO, Driver & Manual CD

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