

Silicom Serial PC Card



► Description

The Silicom Serial PC Card is the ideal solution for adding a high-speed RS-232 port to portable computers. The internal 16550 UART with its built-in data buffers provides maximum performance for Windows CE, Windows 95/98, Windows NT, Windows 2000 and WinME users to run high-speed peripherals - such as high-speed analog and ISDN modems - without wasting bandwidth re-transmitting missing characters.

An industry-standard DB-9 connector is included to connect your portable computer to serial peripherals such as medical and scientific data collection equipment, label printers, bar code scanners, stenographic machines, and external fax/modems.

PC Card compatibility and Plug and Play features are assured with full support of all major Card and Socket Services software vendors. A full set of Direct Enablers is also included to support all major socket controllers.

► Features

- ✧ Out-of-the-box installation with Windows CE, Windows 95/98, Windows NT, Windows 2000, WinME and Windows XP
- ✧ High-performance serial RS-232 port.
- ✧ Buffered 16550 UART for fast Windows operation.
- ✧ Platform independent - supports all PC Card, Type II compliant PCs.
- ✧ Card and Socket Services support.
- ✧ Removable industry standard DB-9 male connector.
- ✧ Serial port installs as a standard COM port.
- ✧ Easy installation and configuration.
- ✧ Silicom ASIC for low power consumption and high reliability.

► Product Description

PART NUMBER	PRODUCT DESCRIPTION
SRS	RS-232 serial port PC Card with DB-9 male connector

▶ *Technical Specifications*

PC Card Interface Standard:

Type II 16-bit PC Card

PC Card Software Support:

Card and Socket Services

Direct Enablers

Software and Operating System support:

Windows CE 2.0, Windows 95/98, Windows NT, Windows 2000, Windows ME and Windows XP

Weight:

3.0 oz, 84 g (including two DB-9 connectors)

Physical Dimensions:

Length - 3.37" (85 mm)

Width - 2.13" (54 mm)

Thickness - 0.197" (5 mm)

Operating Voltage:

5 V (powered via the PC Card connector)

Power Requirements:

80 mA (Active)

50 mA (Sleep)

Operating Temperature:

0° C – 50° C (32° F – 122° F)

Operating Humidity:

10% - 90% non-condensing

FCC Certification:

Part 15, Subpart B, Class A

CE Mark (EN55022 Class A, EN50082-1)

▶ *Serial Port Specifications*

Standard:

RS-232 serial communication

Compatibility:

Installs as a standard COM port

16550 UART:

Enhanced UART interface provides buffering of data. This feature is essential for reliable high-speed communication in multitasking environments such as Windows.

Data Transfer Rate:

50,75,150,300,600,1200,2400,4800,7200,9600,19.2k, 38.4k, 57.6k, 115.2kps

Connector:

DB-9 male connector for serial port interface