Silicom Double Serial PC Card

▶ Description

The Silicom DoubleSerial PC Card integrates two high-speed serial ports in a single dual-function PC Card. Both internal 16550 UARTs include built-in data buffers, and provide maximum Windows 95/98 and Windows NT, Windows 2000 and Windows ME performance for peripherals such as high-speed analog and ISDN modems - without wasting bandwidth re-transmitting missing characters.
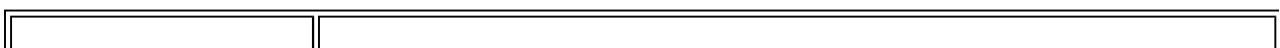
Two industry-standard DB-9 connectors are included to connect your portable computer to serial peripherals, such as medical and scientific data collection equipment, label printers, bar code scanners, stenographic machines, and external fax/modems. With the Double Serial, portable computer users can have simultaneous access to two serial peripherals, and transfer different data using dual high-speed RS-232 serial ports.

PC Card compatibility and Plug and Play features are assured with full support of all major Card and Socket Services software vendors.

▶ Features

- ✎ Operates two Serial RS-232 ports simultaneously.

- ✎ Platform-independent: supports all PC Card, Type II compliant PCs.

- ✎ Buffered 16550 UARTs for fast Windows operation.

- ✎ Includes two industry-standard DB-9 male connectors.

- ✎ Serial ports install as standard COM ports.

- ✎ Card and Socket Services support.

- ✎ Direct Enablers for reduced memory requirements.

- ✎ Streamlines installation with a Wizard utility.

▶ Product Description

PART NUMBER	PRODUCT DESCRIPTION
S2S	Double Serial PC Card

▶ *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 95/98 and 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)

▶ *Data/Fax 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:
Two DB-9 male connector for serial port interface