

Socket™ Dual Serial I/O PC Card™



Two High Speed RS-232 COM Ports for Windows CE, 95, 98, Me, 2000, and XP*

Give Your Mobile Computer Two COM Ports Running up to 921 Kbps

Do you need to connect serial devices to a Pocket PC or HPC 2000 that doesn't have any serial ports? Or is the one serial port on your notebook computer not enough? Now it's easy to add two high-speed RS-232 ports to your mobile computer with Socket's Dual Serial I/O Card. Connect to devices such as fax/modems, digital cameras, bar code scanners, monitoring and control systems, writers for court reporting, data collection gear, lab equipment, GPS receivers — you name it! The ports operate simultaneously, so you can connect and use two serial devices at the same time.

Want to transmit data at speeds up to 921 Kbps? The Dual Serial I/O Card comes with Hi-Speed COM Tools and drivers that allow you to map lower baud rates to higher speeds. Plus, the Hi-Speed COM Tools enable you to quickly identify and change COM port assignments. The user-friendly visual display makes baud mapping quick and simple. It's even easy to set a custom baud rate to a high speed such as 230.4, 460.8 or 921.6 Kbps.

Ultra Low Power is Perfect for Portables

Socket's High-Integration Serial (HIS) chip lowers chip count to improve reliability and reduce battery drain. The Dual Serial I/O Card uses only 5 mA per port in standby mode, compared to more than 100 mA for other serial PC Cards! Low power consumption maximizes your mobile computer's battery life.

Rugged Design for Industrial Use

The Dual Serial I/O Card comes in two versions. Besides the standard Dual Serial I/O Card with removable cables, Socket also offers a "Ruggedized" version for industrial use, enhanced with non-removable cables and a molded strain relief. All cables have a male DB-9 connector.

**Ruggedized
Dual Serial I/O PC Card
and Pen Tablet**



FEATURES

- Plug-and-play and hot swapping support with Windows CE, 95, 98, Me, 2000 and XP*
- Hi-Speed COM Tools and drivers enable you to re-map baud rates to higher speeds such as 230.4, 460.8 or 921.6 Kbps
- Advanced features allow you to set custom baud rates. You can even quickly identify and change COM port assignments
- Available with two removable or "Ruggedized" cables with industry-standard DB-9 connectors
- Two 16550 compatible UARTs provide internal data buffering to utilize the full bandwidth of RS-232 peripherals such as fast modems
- Simultaneous operation and independent configuration of each port
- Works in Type II or III PC Card (PCMCIA) slot
- Low power for longer battery life — other dual serial cards use 10 times more power
- Custom cables available for OEMs
- With custom cables, each port can supply +5 V from host PC to attached peripheral
- Custom serial protocols such as RS-422 and RS-485 are available for OEMs (minimum quantity 1,000 units)
- Limited lifetime PC Card warranty

*Windows CE Pocket PC 2000, Pocket PC 2002, HPC 2000; Windows 95 v4.00.950B; Windows 98 and 98SE

Socket Dual Serial I/O Cards

SPECIFICATIONS

Dual Serial I/O Card, Ruggedized Dual Serial I/O Card, and connectors



Ruggedized Dual Serial I/O PC Card and Notebook



Dual Serial I/O PC Card and Handheld PC



Ordering Information:

Dual Serial I/O Card:
Product# SL0703-081

Ruggedized Dual Serial I/O Card:
Product# SL0723-116

Physical Characteristics:

PC Card Size: 3.37 x 2.13 x 0.197 in
(85.6 x 54 x 5 mm)

Removable Cable Length: 13 in
(330 mm)

Ruggedized Cable Length: 17 in (432 mm)

Connector: 9-Pin D Shell Male

Environmental Conditions:

Temperature:

Operating: 0 to 70° Celsius

Storage: -20 to +100° Celsius

Relative Humidity: 10% to 90%
non-condensing

Power Consumption:

Minimum: 5 mA (25 mW)

Typical:

One port: 13 mA (65 mW)

Both ports: 21 mA (105 mW)

Maximum:

One port: 16 mA (96 mW)

Both ports: 27 mA (135 mW)

Compatible Systems: 3 V, 5.5 V

Interface Standards:

PC Card Interface: 16 bit PC Card

(formerly PCMCIA) Type II, JEIDA 4.1

Serial Communications: Asynchronous

RS-232, fully RS-232 compliant

UARTs: Two enhanced 16550 UARTs
with 128 byte FIFOs

Custom options for RS-422, RS-485

Programmable Characteristics:

Character Length: 5-, 6-, 7-, or 8-bits

Parity: Even, odd or none

Baud Rate: Up to 921.6 Kbps

Speed depends on Windows operating
system

Certification:

FCC: Part 15, Class B,

CE: EN55024:1998, C-TICK s.182

Operating System Support:

- Windows CE Pocket PC 2000,
Pocket PC 2002, HPC 2000
- Windows 95 v4.00.950B
- Windows 98 and 98SE
- Windows Me, 2000, XP
- MS-DOS
- DOS device drivers available for
developers and OEMs.

Software Included:

Windows CE: Driver

Windows 95/98/Me/2000/XP:
INF and driver

Warranty:

PC Card, Ruggedized Cable: Lifetime

Removable Cable: 90 days

For Additional Product Information:

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