Socket™
Quad Serial I/O PC Card™

Four High-Speed RS-232 COM Ports for Mobile Computers Based on Windows Mobile, CE, 95, 98, Me, 2000, XP

Add Four COM Ports Running up to 921 kbps

Add four high-speed RS-232 ports to your mobile computer with Socket's Quad Serial I/O PC Card. Connect to the world of serial devices such as fax/modems, digital cameras, bar code scanners, monitoring and control systems, data collection gear, lab equipment, GPS receivers — you name it!

Want to transmit data at speeds up to 921 kbps? The Quad 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 easily 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.

A fully integrated fixed cable maintains solid contact in high vibration situations, such as with a PC mounted in an all-terrain vehicle. A molded strain relief protects against lateral stress and seals out dust and moisture. A sonic welded case adds rigidity to resist torque that could otherwise crack circuit board traces. It's designed to keep going when the going gets tough.

Ultra Low Power is Perfect for Portables

Socket's High-Integration Serial (HIS) chip lowers chip count to improve reliability and reduce power drain. The Quad Serial I/O Card uses less than 5 mA in standby mode, compared to 100 mA for some single-port serial PC Cards! Using less power means maximizing your mobile computer's battery life.

socket™
The Mobile Connection

FEATURES

- Includes one non-removable, 24 inch (61 cm) cable that splits into four cables with industry standard male DB-9 connectors

- 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 and quickly identify and change COM port assignments

- Plug-and-play and hot swapping support with Windows Mobile, CE, 95, 98, Me, 2000, XP.* Only one interrupt line controls four ports

- Allows you to attach external modems, bar code scanners, GPS receivers, digital cameras, label printers or other RS-232 serial peripherals

- Each port operates independently as a COM port

- Four 16550 compatible UARTs

- Integrated cable protects against vibration

- Works in Type II or III PC Card (PCMCIA) slot

- Molded strain relief helps survive lateral stress and seals out dust and moisture

- Sonic welded frame resists torque

- Socket HIS-2 chip for low power and compatibility with a standard PC Card (PCMCIA) interface

- Custom cables available for OEMs with minimum order of 1,000 units. With custom cables, each port can supply +3.3 or +5 V from host PC to attached peripheral

- Lifetime warranty on card and cable

*Windows Mobile 2003, CE v2.11 or 3.0, 95 v4.00.950B, Windows 98SE

Socket Ruggedized Quad Serial I/O Card

SPECIFICATIONS

Ruggedized Quad Serial I/O Card

Ruggedized Quad Serial I/O Card and Pen Tablet

Ordering Information:

Ruggedized Quad Serial I/O Card:
   Product# SL0751-161

Physical Characteristics:
PC Card Size: 3.37 x 2.13 x 0.197 in (85.6 x 54 x 5 mm)
Cable Length: 24 in (61 cm)
Connector: Four 9-Pin D Shell Male

Environmental Conditions:
Temperature: 0 to 55° Celsius
Relative Humidity: 10% to 90% non-condensing

Power Consumption:
Minimum: 5.8 mA (29 mW)
Typical:
   One port: 19.2 mA (96 mW)
   Two ports: 32.1 mA (160.5 mW)
   Three ports: 44.3 mA (221.5 mW)
   Four ports: 55.6 mA (278 mW)
Maximum:
   One port: 19.5 mA (97.5 mW)
   Two ports: 32.3 mA (161.5 mW)
   Three ports: 44.5 mA (222.5 mW)
   Four ports: 55.8 mA (279 mW)

Interface Standards:
PC Card Interface: PC Card (formerly PCMCIA) Type II, JEIDA 4.1
Serial Communications: Asynchronous RS-232

Operating System Support:
- Windows Mobile 2003 for Pocket PC 2003
- Windows CE v2.11 or 3.0 for Pocket PC 2000/2002 and HPC 2000
- Windows 95 v4.00.950B
- Windows 98SE
- Windows Me, 2000, and XP

Certification:
FCC: Part 15, Class B
CE: EN55024:1998, C-TICK s.182

Programmable Characteristics:
Character Length: 5-, 6-, 7-, or 8-bits
Parity: Even, odd or none
Baud Rate: Up to 921 kbps
UART Type: Oxford 16C950

Software Included:
Windows Mobile/CE:
Setup program and device driver
Windows 95/98/Me/2000/XP:
INF and driver
Media: CD-ROM

Warranty:
PC Card, Ruggedized Cable: Lifetime

For Additional Product Information:
Website: www.socketcom.com
Email: info@socketcom.com
FTP: ftp.socketcom.com

Sales Offices:
Corporate Headquarters:
Phone: 510-744-2700
Domestic Toll Free: 800-552-3300
Fax: 510-744-2727

Socket North America:
Email: Northamerica@socketcom.com

Socket Europe:
Email: Europe@socketcom.com

Socket Japan:
Email: Japan@socketcom.com

Socket Asia/Pacific:
Email: Asiapacific@socketcom.com

Socket Latin America:
Email: Latinamerica@socketcom.com

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socket.
The Mobile Connection

Corporate Headquarters:
Socket Communications, Inc.
37400 Central Court, Newark, CA 94560
Phone: 510-744-2700
Fax: 510-744-2727
www.socketcom.com

Designed for Windows Mobile™