

**SOCKET  
SERIAL**



# Serial I/O Cards

Give your mobile computer the tools it needs to talk shop in your shop... or in your business



Wherever you need to control or access data from serial equipment, now you can do it from your mobile computer using a Serial I/O Card.

- **Reliable** – You can depend on Socket Serial I/O cards for secure, reliable RS-232 communications between devices
- **Lowest Power** – Socket Battery Friendly® technology makes our Serial I/O Cards the world's lowest power plug-in cards and the best choice for hand-held, laptop and notebook computers running on batteries
- **High Speed** – While most RS-232 ports run at only 115 kbps, Socket Serial I/O and Dual Serial I/O Cards offer speeds up to 921 kbps

## WHICH CARD IS RIGHT FOR YOU?

Serial I/O  
CF Card



High speed CompactFlash (CF) card with one RS-232 port. Available with either removable or ruggedized cable. With adapter, also works in PC Card slot.\*

Serial I/O  
PC Card



High speed PC Card (PCMCIA) with one RS-232 port. Available with either removable or ruggedized cable.

Dual  
Serial I/O  
PC Card



High speed PC Card with two RS-232 ports. Choice of either removable or ruggedized cables.

Quad  
Serial I/O  
PC Card



PC Card with four RS-232 ports. Features a non-removable, ruggedized cable with a molded strain relief for durability.

## HARDWARE FEATURES

- Easily add one, two or four RS-232 ports to a wide variety of mobile computers
- Connect to a wide range of serial devices, such as GPS receivers, bar code scanners, satellite phones, monitoring and control systems, lab equipment, diagnostic tools, printers, writers for court reporting, and much more
- Works with handheld, tablet and notebook computers running:
  - Windows Mobile 2003, 2003SE, 5.0
  - Windows CE 2.11 or greater
  - Windows 95\*\*, 98SE, 2000, XP, XP Tablet, Vista \*\*\*\*
- Available in CompactFlash (CF) and PC Card (PCMCIA) form factors
- Industry standard DB-9 connectors
- "Ruggedized" cables are permanently attached to the card with a molded strain relief to protect against vibration, survive lateral stress and seal out dust and moisture
- Removable cable option for single and dualport cards
- 16550 compatible UARTs for internal data buffering to use full bandwidth of RS-232 devices
- Hardware flow control, Plug & Play and hot swapping support
- Works in both 3.3V and 5V systems
- Supports systems using multiple processors, including Intel® Core™ Duo
- Socket HIS-3 chip enables low power operation so you can use it longer on battery power
- Simultaneous use and separate configuration of each RS-232 port for multiple port cards
- One-year warranty for plug-in card and ruggedized cables. 90-day warranty for removable cables

## SOFTWARE FEATURES

- Socket Hi-Speed COM Tools software reports the COM port numbers assigned to the card. For Windows 2000/XP, you can also change COM port assignments
- For single and dual-port cards, the software enables you to use Windows applications at high COM speeds up to 921.6 kbps
- For single and dual-port cards, advanced users can set custom baud rates and modify flow control properties
  - \* PC Card adapter available separately
  - \*\* Windows 95 v4.00.950B
  - \*\*\* Minimum order of 1,000 units for custom cables
  - \*\*\*\* Download may be required, no 64-bit OS support

## Serial I/O Cards

Connect a Pocket PC to a satellite phone for Internet access in very remote areas



Connect your favorite notebook computer to an engine tuner to calibrate your vehicle



# SOCKET SERIAL

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## SPECIFICATIONS

	Serial I/O CF Card	Serial I/O PC Card	Dual Serial I/O Card	Quad Serial I/O Card
<b>SKU #</b>	Standard: SL2700-096 Ruggedized: SL2703-138	Standard: SL0700-004 Ruggedized: SL0707-078	Standard: SL0703-081 Ruggedized: SL0723-116	Ruggedized: SL0751-161
<b>Number of RS-232 Ports</b>	1	1	2	4
<b>Cable Length</b>	Standard (with removable cable): 12 in. (31 cm) Ruggedized: 17 in. (43 cm)			Ruggedized: 24 in. (61 cm)
<b>Connector</b>	9-pin D Shell male			
<b>Interface Standard</b>	CompactFlash Type I (works in Type I or Type II CF slot)  With adapter, also works in PC Card slot*	PC Card (PCMCIA) Type II (works in Type II or Type III PC Card slot).  JEIDA 4.1		
<b>Maximum Baud Rate</b>	921 kbps			115 kbps
<b>Serial Communications</b>	Asynchronous RS-232, fully RS-232 compliant			
<b>Operating System Support</b>	Windows Mobile 2003, 2003SE, 5.0 Windows CE 2.11 or greater Windows 95v4.00.950B, 98SE, Me, 2000, XP, XP Tablet Edition, Vista ** Linux for Sharp Zaurus SL-5500, SL-5600 Red Hat Linux 9.0			
<b>Compatibility</b>	Windows COM port			
<b>Warranty</b>	Plug-in cards and Ruggedized cables: One year Removable cables: 90 days			
<b>Certification/Compliance</b>	FCC: Part 15, Class B CE: EN55024:1998 C-TICK s.182			
<b>Telecom Approval</b>	FCC: Part 68, CTR 21			

\* PC Card adapters available separately.

\*\* Download may be required, no 64-bit OS support

Please see [www.socketserial.com](http://www.socketserial.com) for additional products including our Cordless Serial Adapter



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