

# EPP/Parallel PCMCIA Card



*Add a high-speed EPP parallel port to any PCMCIA-enabled laptop, handheld, or desktop computer.*

Many portable and hand-held computers do not provide a parallel port. When they do, the built-in port often cannot function in EPP mode. Quatech's SPP-100 is an ideal choice in these situations when a high speed parallel interface is required.

For example, the SPP-100 is currently being used in several portable medical applications to provide EEG and EKG tests to patients in remote areas who would otherwise need to travel hours to reach the nearest hospital. It is used as part of a real-time scoring system for stock-car racing, and as an interface for an electronic sewing machine. Of course, the most common use is to provide a high-speed printer port when one is not provided by the PC.

Quatech's SPP-100 fully supports the IEEE 1284 EPP standard, and functions exactly like a computer's native parallel port. Thus, unlike the many USB to parallel converters on the market, Quatech's SPP-100 will work seamlessly with any hardware or software that requires either an EPP or standard parallel port.

- Fully supports the IEEE 1284 EPP interface standard
- IBM PC parallel port compatible
- Software configurable base address
- Software configurable interrupt
- Memory only interface supported
- Five year warranty

**QUATECH**

[www.quatech.com](http://www.quatech.com)

# SPP-100 Specifications

**Bus Interface:** 16-bit PCMCIA, Release 8 and backward compliant

**Connector:** Standard DSUB-25 connector via included pigtail cable off the card as follows:

**OS Support:** Windows 95/98/Me/NT/2000/XP  
Windows CE (see web for device compatibility)  
Linux  
OS/2  
HP Palmtop

PIN 1: STROBE  
PIN 2: D0  
PIN 3: D1  
PIN 4: D2  
PIN 5: D3  
PIN 6: D4  
PIN 7: D5  
PIN 8: D6  
PIN 9: D7  
PIN 10: ACK  
PIN 11: BUSY  
PIN 12: PERROR  
PIN 13: SELECTIN  
PIN 14: AUTOFEED  
PIN 15: NFAULT  
PIN 16: INT  
PIN 17: SELECT  
PIN 18: GND  
PIN 19: GND  
PIN 20: GND  
PIN 21: GND  
PIN 22: GND  
PIN 23: GND  
PIN 24: GND  
PIN 25: GND

**Data Rate:** 700 kbps (max)\*  
\* Actual baud rates can be affected by cabling and other factors

**Ports:** 1 Parallel Port

**Modes:** EPP Mode  
Standard Unidirectional Parallel Port Mode  
Standard Bidirectional Parallel Port Mode

**Interrupt Levels:** IRQ 3-7, IRQ 9-12, IRQ 14, IRQ 15

**Power Requirements:** +5V: 20mA (typical)

**Certifications:** CE, FCC Class B

## Ordering Information:

**SPP-100:** EPP PCMCIA card with DB25 female cable

