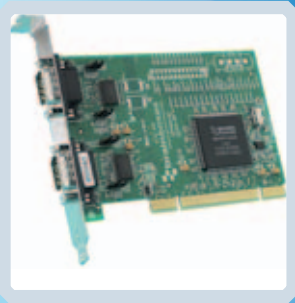


**RoHS Compliant**

# UP-869/UP-880

## uPCI 2xRS232 POS 0.5A

“SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS”



### Description

Universal PCI providing two Powered RS232 serial ports. Data transfer rates up to 115,200 baud rates and the 128 byte deep transmit and 128 byte receive FIFOs, coupled with 1Mbit/s line drivers deliver uncompromising performance for your electronic point of sale ePOS device. The power supplied on the RS232 port is selectable. Ground or 12V can be selected on pin 1 of each port and also 12V or 5V can be selected on pin 9 of each port. Powered Universal PCI cards are ideal for connecting and powering peripherals such as bar code readers, printers, card readers, display units and other Point Of Sale devices. Maximum power output is 0.5 Amps. Includes drivers for all Windows 32 bit and 64 bit Operating Systems, including Windows 7.

### Features

- 2 port RS232
- 128 Byte Tx and 128 Byte Rx FIFOs
- Up to 115,200 Baud
- DB9 connector (9 Pin Male)
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

### Software

Microsoft signed drivers (easy installation & robust operation) for:

- Windows 7 32 bit 64 bit Editions
- Windows Server 2008 32 bit 64 bit Editions
- Windows Vista 32 bit 64 bit editions
- Windows Server 2003 32 bit 64 bit Editions



As well as: full product documentation, a thorough troubleshooting guide and terminal software. Detailed sample source code for many popular programming languages. Further OS support on next page.

### Options



UP-869:  
uPCI 2xRS232 POS 0.5A

UP-880  
uPCI 2xRS232 POS 1A



### ORDER

#### Description

uPCI 2xRS232 POS 0.5A  
uPCI 2xRS232 POS 1A

#### Code

UP-869  
UP-880



## uPCI 2xRS232 POS 0.5A

### UP-869/UP-880 Full Specification

|  |   |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
|--|---|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----------|--|---|
| <p><b>Port</b></p> <table border="1"> <tr><td>Pin 1</td><td>DCD/12V/GND</td></tr> <tr><td>Pin 2</td><td>RXD</td></tr> <tr><td>Pin 3</td><td>TXD</td></tr> <tr><td>Pin 4</td><td>DTR</td></tr> <tr><td>Pin 5</td><td>GND</td></tr> <tr><td>Pin 6</td><td>DSR</td></tr> <tr><td>Pin 7</td><td>RTS</td></tr> <tr><td>Pin 8</td><td>CTS</td></tr> <tr><td>Pin 9</td><td>RI/12V/5V</td></tr> </table> <p><b>Powered RS232 Pinout (9 Pin Male)</b></p> | Pin 1   | DCD/12V/GND   | Pin 2 | RXD | Pin 3 | TXD | Pin 4 | DTR | Pin 5 | GND | Pin 6 | DSR | Pin 7 | RTS | Pin 8 | CTS | Pin 9 | RI/12V/5V | <p><b>Ports</b></p> <p>Connector</p> <p>FIFO size</p> <p>Operating Distance</p> <p>Cable</p> | <p>2 x RS232</p> <p>DB9 Connector - 9 Pin Male</p> <p>128 RX FIFO + 128 TX FIFO</p> <p>EIA - RS232 Standard</p> <p>No Cable; Integrated Connector</p> |
| Pin 1  | DCD/12V/GND   |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| Pin 2  | RXD   |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| Pin 3  | TXD   |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| Pin 4  | DTR   |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| Pin 5  | GND   |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| Pin 6  | DSR   |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| Pin 7  | RTS   |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| Pin 8  | CTS   |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| Pin 9  | RI/12V/5V   |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| <p><b>Port Settings</b></p> <p>115,200<br/>          baud</p>  | <p>Baud Rate</p> <p>Data Bits</p> <p>Parity</p> <p>Stop Bits</p> <p>Flow Control</p> <p>Tx/Rx Modes</p> | <p>115,200</p> <p>5,6,7 or 8</p> <p>Odd, Even, None, Mark or Space</p> <p>1, 1.5 or 2</p> <p></p> <p>Point to Point</p>   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| <p><b>Interface</b></p>  | <p>OS Compatibility</p> <p>BUS</p>  | <p>Microsoft Windows 7 32 bit 64 bit Editions<br/>         Windows Server 2008 32 bit 64 bit Editions<br/>         Windows Vista 32 bit 64 bit Editions<br/>         Windows Server 2003 32 bit 64 bit Editions<br/>         Windows XP 32 bit 64 bit Editions<br/>         Microsoft Windows 2000<br/>         Microsoft Windows 98</p> <p>PCI Powered :</p> |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| <p><b>Approvals</b></p>  | <p>Industry Approvals</p> <p>Microsoft Approvals</p>  | <p>AEO C-TPAT Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA</p> <p>Windows 7 32 bit 64 bit Editions<br/>         Windows Server 2008 32 bit 64 bit editions<br/>         Windows Vista 32 bit 64 bit editions</p>  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| <p><b>General</b></p>  | <p>PCB Layers</p> <p>Power Consumption</p> <p>Weight</p> <p>Size</p>                                    | <p>4</p> <p>190mA @ 5V</p> <p>0.085 kg</p> <p>134l x 18w x 120h mm</p>  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| <p><b>Box Content</b></p>  | <p>Packaging</p> <p>Card</p>  | <p>Installation CD including manual, Microsoft signed drivers &amp; utilities</p> <p>uPCI 2xRS232 POS 0.5A</p> <p>No Cable; Integrated Connector</p>  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| <p><b>Product Support</b></p>  | <p>Warranty</p> <p>Support</p>  | <p>Lifetime (online registration required)</p> <p>Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team</p>   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |
| <p><b>Additional</b></p>   | <p>OEM option</p> <p>Made In</p> <p>Customisable</p>  | <p>Available for bulk buy OEM</p> <p>Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"</p> <p>Brainboxes operate a "Perfect Fit Custom Design" policy for volume users. More Info: <a href="mailto:sales@brainboxes.com">sales@brainboxes.com</a></p>  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |           |  |   |