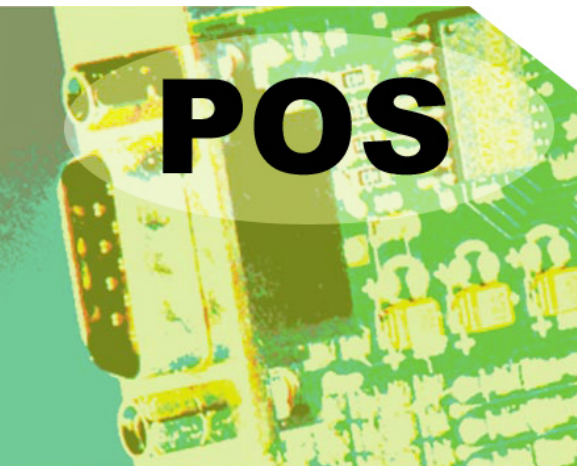




## UP-880 / UP-869

### UNIVERSAL POWERED DUAL RS232

“SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS”



#### Features

- 2 Port Powered RS232
- Universal PCI
- 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)

#### Options



UP-880:  
UNIVERSAL POWERED  
DUAL RS232 (1.0 AMP)



UP-869  
UNIVERSAL POWERED  
DUAL RS232 (0.5 AMP)

Also See: UP-189 & UP-200

#### Description

Universal PCI providing two Powered RS232 serial ports. Up to 115,200 data transfer rates and the 128 byte deep transmit and 128 byte receive FIFOs, coupled with 1Mbit/s line drivers deliver uncompromising performance on your laptop/PC.

UP-880 and UP-869 are selectable power options. 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. These 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. UP-880 and UP-869 are selectable power options. 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

#### Software

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

- Windows Server 2008 & Windows 2000
- Windows Vista 32 bit & 64 bit Editions
- Windows XP 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.



#### ORDER

Description

UNIVERSAL POWERED DUAL RS232 (1.0 AMP)  
UNIVERSAL POWERED DUAL RS232 (0.5 AMP)

Code

UP-880  
UP-869



# UNIVERSAL POWERED DUAL RS232

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

<p><b>Port</b></p> <p>UP-880 Pinout (9 pin Male)</p> <table border="1"> <tr><td>Pin 1</td><td>GND/12V</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>5V/12V</td></tr> </table>	Pin 1	GND/12V	Pin 2	RXD	Pin 3	TXD	Pin 4	DTR	Pin 5	GND	Pin 6	DSR	Pin 7	RTS	Pin 8	CTS	Pin 9	5V/12V	<p>Ports</p> <p>Connector</p> <p>FIFO size</p> <p>Operating Distance</p> <p>Cable</p>	<p>2 Port Powered RS232</p> <p>DB9 connector (9 Pin Male)</p> <p>128 Tx, 128 Rx</p> <p>EIA - RS232 Standard</p>
Pin 1	GND/12V																			
Pin 2	RXD																			
Pin 3	TXD																			
Pin 4	DTR																			
Pin 5	GND																			
Pin 6	DSR																			
Pin 7	RTS																			
Pin 8	CTS																			
Pin 9	5V/12V																			
<p><b>Port Settings</b></p> <p>115,200 ▶▶▶▶ 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>Up to 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>RTS/CTS DSR/DTR XON/XOFF</p> <p>Point to Point</p>																		
<p><b>Interface</b></p> <p><b>PCI</b></p>	<p>OS Compatibility</p> <p>BUS</p>	<p>Windows Vista 32 bit and 64 bit Editions Windows Server 2008 32 bit and 64 bit Editions Windows Server 2003 32 bit and 64 bit Editions Windows XP 32 bit and 64 bit Editions Windows 2000</p> <p>PCI 3.0</p>																		
<p><b>Approvals</b></p> <p>CE RoHS WEEE</p>	<p>Other Approvals</p> <p>Microsoft Approvals</p>	<p>EMC: CE RoHS WEEE</p> <p>Microsoft Certified Gold Partner Windows Server 2008 32 bit and 64 bit Windows Server 2008 32 bit and 64 bit</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 + Powered Output, 12mA @ 12V + Powered Output</p> <p>0.097Kg</p> <p>85 x 125 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>UNIVERSAL POWERED DUAL RS232</p>																		
<p><b>Product Support</b></p> <p>LIFETIME SUPPORT LIFETIME WARRANTY</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>Elektra O5 European Electronics Industry Awards WINNER Manufacturer of the Year</p> <p>Made in the UK</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: sales@brainboxes.com</p>																		

Also See: UP-189 & UP-200