

RoHS Compliant



# XC-475

## ExpressCard LPT + 1xRS232

“SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS”



### Description

ExpressCard providing one RS232 serial port and one Printer port. Up to 921,600 data transfer rates and the 256 byte deep transmit and 256 byte receive FIFOs, coupled with 1Mbit/s line drivers deliver uncompromising performance on your laptop. Drivers for Windows 32 bit and 64 bit Operating Systems including Windows XP, Server 2003, Vista, Server 2008 and Windows 7.

This high performance range utilising PCIe native drivers. Excellent method of adding extra serial ports to your laptop.

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!

### Features

- 2 port - 1xRS232 + 1xLPT
- ExpressCard PCIe Implementation
- 256Byte Tx and 256Byte Rx FIFOs
- Up to 921,600 Baud
- DB9 Connector (9 Pin Male) & DB25 Connector (25 Pin Male)
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

### Options



XC-475:  
ExpressCard LPT +  
1xRS232

### Software

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

- Windows 7 32 bit & 64 bit Editions
- Windows Vista 32 bit & 64 bit editions
- Windows XP 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

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Code

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## ExpressCard LPT + 1xRS232

### XC-475: Full Specification

|  |   |  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |    |   |  |
|--|---|--|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|----|---|--|
| <p><b>Port</b></p> <table border="1"> <tr><td>Pin 1</td><td>DCD</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</td></tr> </table> <p>RS232 Pinout (9 Pin Male)</p> | Pin 1   | DCD  | Pin 2 | RXD | Pin 3 | TXD | Pin 4 | DTR | Pin 5 | GND | Pin 6 | DSR | Pin 7 | RTS | Pin 8 | CTS | Pin 9 | RI | <p>Ports</p> <p>Connector</p> <p>FIFO size</p> <p>Operating Distance</p> <p>Cable</p> | <p>2 x - 1xRS232 + 1xLPT</p> <p>DB9 Connector (9 Pin Male) &amp; DB25 Connector (25 Pin Male)</p> <p>256 RX FIFO + 256 TX FIFO</p> <p>EIA - RS232 Standard</p> <p>1xDB9 &amp; 1xDB25</p> |
| Pin 1  | DCD   |  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |    |   |  |
| Pin 2  | RXD   |  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |    |   |  |
| Pin 3  | TXD   |  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |    |   |  |
| Pin 4  | DTR   |  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |    |   |  |
| Pin 5  | GND   |  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |    |   |  |
| Pin 6  | DSR   |  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |    |   |  |
| Pin 7  | RTS   |  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |    |   |  |
| Pin 8  | CTS   |  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |    |   |  |
| Pin 9  | RI  |  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |    |   |  |
| <p><b>Port Settings</b></p> <p>921,600<br/> <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>921,600</p> <p>5,6,7 or 8</p> <p>Odd, Even, None, Mark or Space</p> <p>1 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 &amp; 64 bit Editions<br/>         Windows Vista 32 bit &amp; 64 bit Editions<br/>         Windows XP 32 bit &amp; 64 bit Editions</p> <p>ExpressCard PCIe Implementation</p>  |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |    |   |  |
| <p><b>Approvals</b></p>  | <p>Other Approvals</p> <p>Microsoft Approvals</p>   | <p>Microsoft Certified Gold Partner WEEE RoHS EMC: CE</p> <p>Microsoft Certified Gold Partner<br/>         Windows 7 32 bit &amp; 64 bit Editions<br/>         Windows Vista 32 bit &amp; 64 bit editions<br/>         Windows XP 32 bit &amp; 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>380mA @ 3.3V</p> <p>0.03 kg Kg</p> <p>100(l) x 35(w) x 10(h) mm 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>ExpressCard LPT + 1xRS232<br/>         1xDB9 &amp; 1xDB25</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> |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |    |   |  |