

RoHS Compliant



## PM-120/PM-154

PCMCIA 1xRS422/485 1MBaud

“SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS”



### Description

PC Card providing one RS422/485 serial port. Up to 921,600 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.

Being mobile no longer limits your options. Standard and ruggedised card options to suit your needs.

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!

### Features

- 1 port RS422/485
- PCMCIA socket size
- 128 Byte Tx and 128 Byte Rx FIFOs
- Up to 921,600 Baud
- DB9 connector (9 Pin Male)
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

### Options



PM-120:  
PCMCIA 1xRS422/485  
1MBaud

PM-154  
PCMCIA 1xRS422/485  
RUGGED 1MBaud



This product works in Windows CE up to 115,200 baud (full duplex mode only)

### Software

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

- Windows Vista 32 bit and 64 bit editions
- Windows XP 32 bit & 64 bit editions
- Windows 2000
- 



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.



PCMCIA



### ORDER

Description

PCMCIA 1xRS422/485 1MBaud

PCMCIA 1xRS422/485 RUGGED 1MBaud

Code

PM-120

PM-154



# PCMCIA 1xRS422/485 1MBaud

PM-120/PM-154: Full Specification

<p><b>Port</b></p>	<p>Ports</p> <p>Connector</p> <p>FIFO size</p> <p>Operating Distance</p> <p>Cable</p>	<p>1 x RS422/485</p> <p>DB9 connector (9 Pin Male)</p> <p>128 RX FIFO + 128 TX FIFO</p> <p>RS422/485 Standard (4000 ft : 1200 metres)</p> <p>Fully wired moulded cable</p>
<p><b>Port Settings</b></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, 1.5 or 2</p> <p>RTS/CTS , DTR/DSR</p> <p>Full Duplex, Half Duplex Autogating</p>
<p><b>Interface</b></p>	<p>OS Compatibility</p> <p>BUS</p>	<p>Windows Vista 32 bit &amp; 64 bit Editions Microsoft Windows CE Windows XP 32 bit &amp; 64 bit Editions Microsoft Windows ME Microsoft Windows 2000</p> <p>PCMCIA</p>
<p><b>Approvals</b></p>	<p>Other Approvals</p> <p>Microsoft Approvals</p>	<p>WEEE RoHS PCMCIA Affiliate Member FCC Compliant</p> <p>Microsoft Certified Gold Partner Windows Vista 32 bit &amp; 64 bit editions Windows XP 32 bit &amp; 64 bit editions Windows 2000</p>
<p><b>General</b></p>	<p>PCB Layers</p> <p>Power Consumption</p> <p>Weight</p> <p>Size</p>	<p>4</p> <p>100mA @ 5V</p> <p>0.027 Kg</p> <p>PCMCIA Type II: 85.6 x 54 x 5.0 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>PCMCIA 1xRS422/485 1MBaud / PCMCIA 1xRS422/485 RUGGED 1MBaud (Fully wired moulded cable)</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>

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