brainboxes
www.brainboxes.com

25th
1984~2009
Anniversary

EST 1984

nqa. ISO 9001 Registered

nqa. ISO 14001 Registered

Microsoft
GOLD CERTIFIED
Partner

RoHS Compliant

PM-020/ PM-143

PCMCIA 1xRS232 1MBaud

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"

PCMCIA

Description

PC Card providing one RS232 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 RS232

• 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)

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
• Windows 2000

64 Bit Driver

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

PM-020:
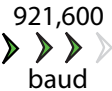PCMCIA 1xRS232
1MBaud

PM-143
PCMCIA 1xRS232
RUGGED 1MBaud

ORDER

Description	Code
PCMCIA 1xRS232 1MBaud	PM-020
PCMCIA 1xRS232 RUGGED 1MBaud	PM-143

PCMCIA 1xRS232 1MBaud

PM-020/ PM-143: Full Specification

Port

RS232 Pinout (9 Pin Male)

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

Pin 1   Pin 5
Pin 6   Pin 9

Ports	1 x RS232
Connector	DB9 connector -- 9 Pin Male
FIFO size	128 RX FIFO + 128 TX FIFO
Operating Distance	EIA - RS232 Standard
Cable	Fully wired moulded cable

Port Settings

921,600 ❯ ❯ ❯ ❯ baud

Baud Rate	921,600
Data Bits	5,6,7 or 8
Parity	Odd, Even, None, Mark or Space
Stop Bits	1, 1.5 or 2
Flow Control	
Tx/Rx Modes	Point to Point

Interface

PCMCIA

OS Compatibility	Microsoft Windows 7 Windows Vista 32 bit & 64 bit Editions Windows XP 32 bit & 64 bit Editions Microsoft Windows 2000
BUS	PCMCIA

Approvals

Other Approvals	Microsoft Certified Gold Partner WEEE RoHS EMC: CE
Microsoft Approvals	Microsoft Certified Gold Partner Windows 7 32 bit & 64 bit Editions Windows Vista 32 bit & 64 bit editions
	Windows XP 32 bit & 64 bit editions Windows 2000

General

PCB Layers	4
Power Consumption	210mA @ 5V, 20mA @ 12V (PM-020) 210mA @ 5V , 20mA @ 12V (PM-143)
Weight	0.027 kg (PM-020) 0.05 kg (PM-143) Kg
Size	PCMCIA Type II: null

Box Content

Packaging	Installation CD including manual, Microsoft signed drivers & utilities
Card	PCMCIA 1xRS232 1MBaud
	Fully wired moulded cable

Product Support

Warranty	Lifetime (online registration required)
Support	Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team

Additional

Elektra O5
European Electronics Industry Awards
WINNER
Manufacturer of the Year

Made in the UK

OEM option	Available for bulk buy OEM
Made In	Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"
Customisable	Brainboxes operate a "Perfect Fit Custom Design" policy for volume users. More Info: sales@brainboxes.com