Bluetooth

PCMCIA
Bluetooth™ Card

Features

- Type II PCMCIA Card with extended back
- CE Tested
- FCC Tested
- Integral Antenna
- Class 1 Bluetooth device operating at 7dBm
- Range: Over 20m

Specifications

- Power Requirements: 5VDC

    Power On:- 60mA

    Normal Operation:- 150mA (Typical)

    Max Consumption:- 200mA
- Size: 113mm x 53mm x 4.5mm
- UART: 16950
- Weight: 0.037kg

Notes

- This card is currently tested to 7dBm, equivalent to a range of over 20m in open air or with line of sight*.

- This product has on board flash, making it user upgradeable to the latest version of the Bluetooth specification.

* As an indication (although these results may differ greatly depending on location), we have tested 2 cards talking to each other at distances of 210metres in line of site and over 35metres in a standard office environment through several walls.

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Description

The Brain Boxes Type II PCMCIA card allows a personal computer with a PCMCIA slot to communicate with other Bluetooth devices. It is based on the Cambridge Silicon Radio BlueCore™ chip, which interfaces to a UART running at 921,600 baud, allowing communications at the full Bluetooth data rates. The antenna for the board is built into the PCB.

This card is part of a wide range of Bluetooth products available from Brain Boxes including Type I Compact Flash, USB and RS232.

Software

This card is available with Brain Boxes drivers and Bluetooth software stack for Windows 2000, Windows ME, Windows 98, Windows 95, Pocket PC. For more details on Brain Boxes Bluetooth software stack see **www.brainboxes.com/bluetooth.**

Alternatively the Brain Boxes card can be used with a Bluetooth software stack from a third party vendor.

As a result of our partnership program, Brain Boxes products are arguably supported by the widest range of third party stack vendors.

ORDER	
Description	Code
PCMCIA Bluetooth Card	BL-500