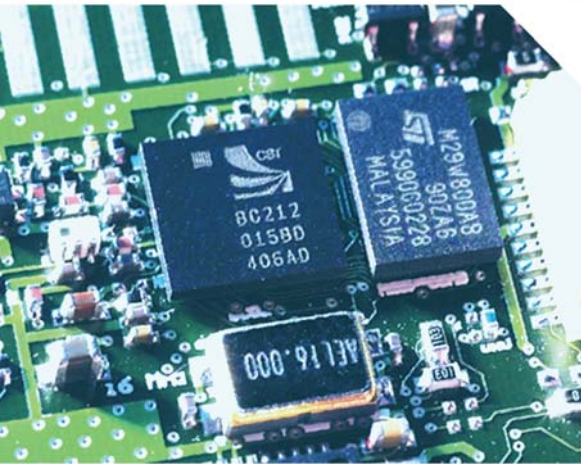




BL-565 & BL-752 COMPACTFLASH BLUETOOTH CARD WITH OPTIONAL PC CARD SLEEVE

WIRELESS SOLUTIONS ENGINEERED TO EXCEED EXPECTATIONS



Description

Award winning Brainboxes Type I CompactFlash card allows a PDA with a Compact Flash or PC card slot to communicate with other Bluetooth devices.

Brainboxes Bluetooth device supports many Bluetooth profiles, upgradable firmware and is fully qualified by the Bluetooth SIG. Being mobile no longer limits your options.

This class 1 Bluetooth device operates at 14dBm, making it one of the leading Bluetooth PC Cards in the market today.

Features

- Class 1 Bluetooth device operating at 14dBm
- Type I CompactFlash Card
- Range, Office: 20m Field: 200m subject to local environment conditions
- Integral Antenna
- Upgradable onboard flash memory for latest Bluetooth Features
- Optional PCMCIA sleeve
- Support for many Bluetooth profiles
- Drivers for all popular PDA operating systems

[Click on each feature to find similar products](#)

Options



CF Card: BL-565

CF Card with Brainboxes PC card adapter: BL-752



For other laptop and PC OS support see: BL-554

TEL: +44 (0) 151 220 2500

Software

Fully tested drivers, designed for easy installation & robust operation:

- o Windows Mobile 5.0
- o Microsoft Pocket PC 2003, 2002 and 2000
- o Windows CE 4.2 and later

Also included full product documentation, detailed Installation Guide, interactive tutorials and a thorough troubleshooting guide.

Need Support for other operating systems, please call.

Find out about Brainboxes excellent Bluetooth Software Features:

[Click Here](#)



ORDER

Description

CompactFlash Bluetooth Card
CompactFlash Bluetooth Card + PC CARD Adapter





Code

BL-565
BL-752



COMPACTFLASH BLUETOOTH CARD

WITH OPTIONAL PC CARD SLEEVE

Product Code	BL-565 & BL-752	
Bluetooth General		
Bluetooth Qualification		1.2 Qualified
Bluetooth Radio		
Class Of Device		Class 1
Radio Frequency		2.4GHz
Integral Antenna		Yes
Receiver Sensitivity		0.0%
Output Power		14.32 dBm
Operating Distance (Typical) Metres*		Field: 200m Office: 20m
Bluetooth Settings		
Max Transfer rate (Kb/s)		up to 723
Configurable Local Device Name and Device Class		Yes
Configurable Discoverability, Security mode and PIN number		Yes
PICONET & SCATTERNET capable		Yes
PARK and SNIFF mode		Yes
Bluetooth Profile Support		
Serial Port Profile (SPP)		Yes
Service Discovery Application Profile (SDAP)		Yes
Object Push Profile (OPP)		Yes
File Transfer Profile (FTP)		Yes
Dial-up Network Profile (DUN)		Yes
LAN Access Profile (LAP)		Yes
Fax Profile (FAX)		Yes
Human Interface Device (HID)		Yes
Synchronisation Profile (SP)		Yes
Bluetooth Security		
Encryption		Yes
PIN Authentication		Yes
Security Levels		Yes
General		
LED's		no
Power Consumption		CF powered: 3.3V or 5V more info CLICK HERE
Weight		14g
Size WxDxH (mm)		42.8 x 57.1 x 3.3
Interface		
OS Compatibility		Windows Mobile 5.0/ Pocket PC 2000/2002/2003 Windows CE / Windows XP SP2
Bus interface		Compact Flash , PCMCIA (BL-752 only)
Awards		Winner Microsoft Tech Ed 2005, Mobile Computing Europe: Bluetooth CompactFlash and Bluetooth Serial Connectivity Winner 2005 European Electronics Industry Awards: Manufacturer of the Year
Approvals & Accreditations		UL, CE, FCC, Telec, Bluetooth Approved, CF Compliant
Box Contents		Installation CD including manual, drivers, interactive tutorials, guides etc. Compact Flash Bluetooth Adapter Bluetooth QUICK START GUIDE
OEM option		Available for bulk buy OEM
Product Support		Lifetime Email and Phone Support from fully qualified, friendly staff 40 hours a week
Warranty		3 years
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: CLICK HERE



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Brainboxes' Service

"Brainboxes offers free lifetime support for ALL customers."



We aim to provide industry leading support for our customers. Our highly trained and helpful support engineers sit and work closely with the product designers, developers, and testers to ensure an in-depth knowledge of the products. Support can be found by emailing support@brainboxes.com or calling: +44 (0)151 220 2500 during UK office hours.

Support website: www.brainboxes.com/support/index.asp

"Brainboxes offers 3 year 'no quibble warranty' on all Bluetooth products."

If, for whatever reason, your Brainboxes Bluetooth device does become dysfunctional Brainboxes are happy to replace it thanks to our "3 year no quibble warranty". Peace of mind for your investment.

Brainboxes' Kaizen

"Brainboxes constantly strives to achieve higher standards for the benefit of customers."



'Kaizen' is a Japanese term meaning 'continuous improvement'. Kaizen has been implemented throughout Brainboxes, resulting in significant improvements to our products and our customer service, as illustrated by the development of our own custom ASIC "LYNX" and our new lifetime warranty. As part of this ongoing process, in 2004 we embarked on 'Lean' and '6 Sigma' programs which are successfully increasing productivity and efficiency in all areas of the company. **More Info:** [Click Here](#)

What Can I do with Bluetooth?

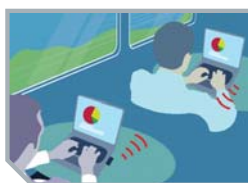
Bluetooth makes the sharing and exchange of information between mobile or static devices as simple as possible. Whether at home, on the move, or in the office it can be used for networking, sharing files, synchronizing information, email, Internet access, printing, and more. In industry it can be used to wirelessly control equipment and machinery - perfect for servicing inaccessible devices.



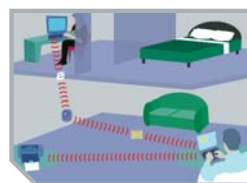
Connect **wirelessly** to a Bluetooth printer to easily **print** copies of your documents



Use Bluetooth in test or manufacturing to **control and monitor** equipment



Create instant **ad-hoc networks** to share files and information



Connect to the **Internet** from anywhere at **home** via a Bluetooth broadband modem



Email anywhere by connecting your laptop or Pocket PC to your Bluetooth phone



COMPACTFLASH BLUETOOTH CARD WITH OPTIONAL PC CARD SLEEVE

Glossary: Product Features Explained

Bluetooth Profiles

Profiles are invisible connectors. Simply match 2 profiles on the devices you want to connect and begin sharing information.

SDAP- Service Discovery Application Profile

Allow Bluetooth devices to discover compatible services

SPP - Serial Port Profile

Behaves like a serial cable, using virtual COM ports for transmitting and receiving data.

DUN - Dial up Networking

Connect to the internet through a Bluetooth enabled phone

FTP - File Transfer Profile

Send or receive files, for example documents or pictures

OPP - Object Push Profile

Send/Receive business cards / calendar items and other mobile phone entries

FAX - Fax profile

Send faxes through a phone

LAN - Local area network access profile

Get onto network through access point, in the office or the home

HID-Human Interface Device

Allows Bluetooth devices such as a keyboard and mouse to be controlled.



Bluetooth Device Class

There are 3 classes of Bluetooth device defined to suit different needs:

Class 1 - Long Range

Maximum Output Power of 100mW (20dBm)

Class 2 - Medium Range

Maximum Output Power of 2.5mW (4dBm) most common

Class 3 - Short Range

Maximum Output Power of 1mW (0dBm) very rare

A value of distance cannot be explicitly stated for each device class; every user environment is slightly different, and affects the signal in different ways. The best way to compare devices operating range is by comparing Output Power. A device with a larger output power will be able to communicate with other devices over a further distance. Most Brainboxes devices are class 1 devices with a very powerful Power Output, Brainboxes Bluetooth Class 1 devices have one of the most powerful Bluetooth radios in the industry - 14dBm!

Bluetooth Specification

There are 4 different Bluetooth Specifications; each specification include different profile support. All Brainboxes Bluetooth devices are Qualified to Bluetooth Specification 1.1 or 1.2. Brainboxes Bluetooth products are officially qualified by the Bluetooth SIG and can be found listed on the official Bluetooth SIG website.