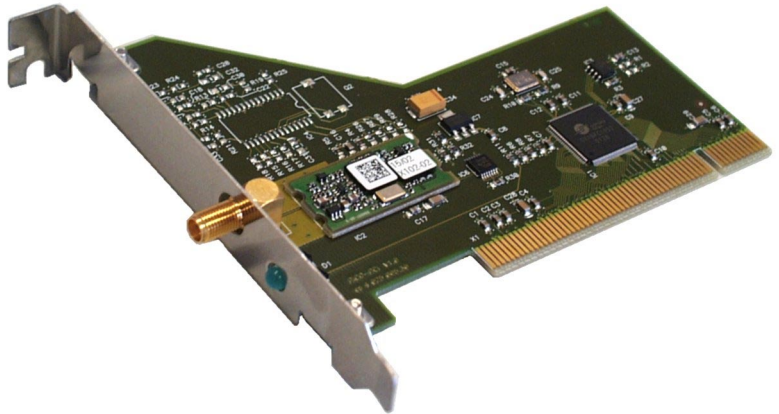# PICO PCI Bluetooth Adapter

General Description

The new PICO PCI adapter card will turn any PC into a Bluetooth access point. It supports all major Bluetooth profiles, enabling you to use this exciting new technology to wirelessly connect your Bluetooth peripherals like modems, printers, and many more.
The accompanying software makes it extremely simple to connect to other Bluetooth devices. Once a connection is established you can use these Bluetooth devices with the same ease and reliability as if they were connected via cable.

The external antenna can be positioned as needed to allow for optimal radio transmission, even under difficult conditions. You may also use special antennas if required by your application.

Compatibility

The PICO PCI Adapter is fully Bluetooth 1.1 compliant. It comes with software support for the Windows 98, Windows ME, Windows NT, Windows 2000 and Windows XP operating systems as well as Linux.
The standardised Bluetooth HCI H4 interface ensures compatibility with future Bluetooth software.

System Requirements

A standard X86 PC running one of the operating systems supported by the Bluetooth PCI Adapter software. Currently there is software support for Windows 98, ME, NT, 2000, XP and Linux.
The hardware requirements mainly depend on the operating system. For Linux at least an I386 compatible CPU, 16 MByte main memory, 4 MByte free hard-disk space, a CD-ROM drive and a free PCI slot are required. For Windows operating systems the PICO PCI Card will run in every PC meeting the requirements for the installed version.

PICO PCI Bluetooth Adapter

Technical Specifications

Radio Transmission	
Frequency Range	2,402 - 2,480 GHz
Transmit Power	+ 3dBm maximum (Bluetooth Class 2) (+20 dBm Bluetooth Class 1 available soon)
Receiver Sensitivity	-85 dBm
Modulation	GFSK Modulation with frequency hopping.
Compatibility	
Standards	Bluetooth 1.1 PCI Bus Specification 2.2
Operating Systems	Windows 98/ME/NT/2000/XP Linux
Interfaces	Bluetooth HCI H4
Data Transfer	
Speed	up to 723 kBit / second asymmetrical up to 433 kBit / second symmetrical
Bluetooth Protocols	Bluetooth HCI L2CAP, SDP, RFCOMM
Bluetooth Profiles	Generic Access, Service Discovery Serial Port, LAN Access Dial Up Networking, FAX (others under development)
General	
Dimensions	130 x 120 mm
Power Supply	5 Volt through PCI Bus 250 mA maximum (300 mA maximum for Class 1)

Package Contents

PICO PCI slot card, external antenna, software and documentation on CD ROM.