

Wireless PCI Adapters WPCI810

Wireless convenience for desktop computers.

With Motorola's Wireless PCI Adapters, desktop computers can connect to a home or small office network in no time.

These space-saving 802.11g adapters insert directly into a desktop computer and deliver seamless network connections and wireless simplicity, all at the same time.

WPCI810G

- Supports wireless data rates up to 54 Mbps¹ – that's up to 5 times faster than 802.11b networking
- Backwards compatible with 802.11b equipment

WPCI810GP PERFORMANCE ENHANCED

- Wireless performance can be up to 35% faster than standard 802.11g networking
- Backwards compatible with 802.11g (data rates up to 54Mbps) and 802.11b (data rates up to 11Mbps) equipment¹

BENEFITS:

- Enables users to place desktops where they want, not where there happens to be a wire
- Automatically detects available wireless networks
- Allows gamers to play competitors on the network or online
- Wireless range of up to 328 ft. (100m) indoors/ 1312 ft (400m) outdoors (distance depends on user environment)
- 24-hour technical support available via the Web or by toll-free phone

WHAT'S INCLUDED:

- Wireless PCI Adapter
- Quick Start Guide
- CD-ROM containing Installation Wizard and User Guide

FEATURES:

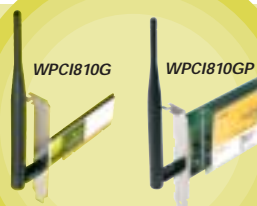
- Robust external antenna design – one detachable antenna to enhance your network connection
- Ad-Hoc mode to allow direct connection with other adapters for peer-to-peer file sharing
- Security features include:
 - > Wi-Fi® Protected Access (WPA) with Temporal Key Integrity Protocol (TKIP) or Advanced Encryption Standard (AES)
 - > Legacy 64-bit and 128-bit Wired Equivalency Privacy (WEP) encryption
 - > LEAP
 - > 802.1X access control
- Driver and configuration utility updates available over the Web
- Includes an easy-to-use Installation Wizard that makes networking simple

CONNECTEDMOTO

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SYSTEM REQUIREMENTS

- Available PCI slot on your PC
- CD-ROM drive on your PC
- For easy installation:
 - > Use the included Installation Wizard for set up and management of your network
 - > Your PC must support one of the following:
 - For use of the Installation Wizard: Microsoft® Windows® 98SE/Me/2000/XP Home or Professional
 - For the Performance Enhancement of the WPCI810GP: Microsoft® Windows® 2000/XP Home or Professional

SPECIFICATIONS

STANDARDS

IEEE 802.11b Wi-Fi® Certified; IEEE 802.11g Wi-Fi® Certified; WPA Certified; WHQL Approved for Windows® 2000/XP

NETWORK PROTOCOLS

TCP/IP; UDP; DHCP; HTTP; TFTP

INTERFACE

32-bit PCI Interface

WIRELESS DATA RATES

1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps¹ with auto-fallback support

MODULATION

CCK, DQPSK, DPBPSK, OFDM

RANGE

Maximum range:
outdoor up to 1312 feet
indoor up to 328 feet

CHANNELS AND FREQUENCY RANGES

1-11 United States and Canada:
2.4 to 2.4835GHz

WIRELESS SECURITY

WPA with TKIP or AES encryption;
Legacy 64-bit and 128-bit WEP encryption; 802.1X access control

INDICATORS

Activity LED

WIRELESS TRANSMIT POWER

Maximum Transmit Power: +15 dBm

PHYSICAL DIMENSIONS

3.386" (L) x 4.78" (W) x 0.465" (H)

WEIGHT

2 oz.

WARRANTY

Two-year limited warranty

OPERATING TEMPERATURE

32° F to 104° F (0° C to 40° C)

STORAGE TEMPERATURE

-22° F to 176° F (-30° C to 80° C)

HUMIDITY

5% to 95% (non-condensing)

EMISSIONS

FCC Part 15 (Subpart B)

REGULATORY APPROVALS

802.11b Wi-Fi® Certified, 802.11g Wi-Fi® Certified, WPA Certified; FCC Class B, CE



Recommended for use with Motorola's Broadband Networking Products. These Wireless PCI Adapters are interoperable with all 802.11g and 802.11b certified equipment.

¹ **A Word About Data Rates:** Data rate is the speed at which individual bits of data flow through a channel. It is not the same speed at which entire files are uploaded or downloaded. These speeds will vary, and are often less than the maximum data rate. Upload and download speeds are affected by several factors including, but not limited to: the capacity of and the services offered by your cable operator or broadband service provider, channel capacity, network traffic, computer equipment, type of server, number of connections to server, and availability of internet router(s).

To view our full line of Broadband Networking Products,
visit our Web site at www.motorola.com/homenetworking

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