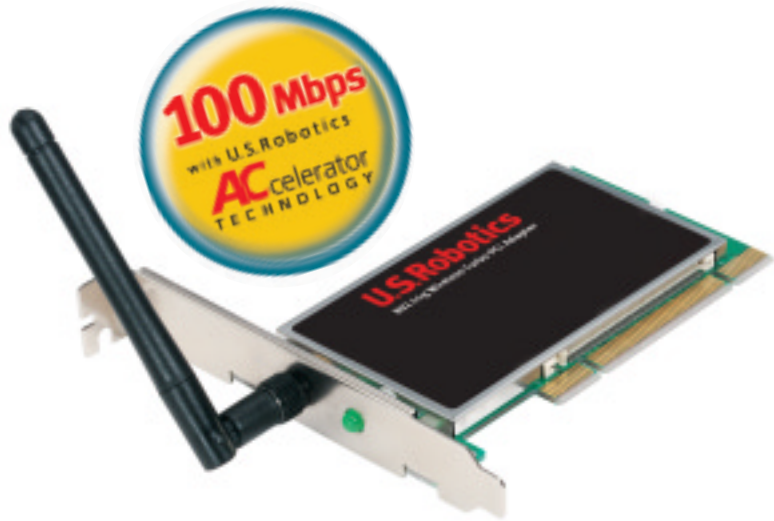


# U.S. Robotics®

Model **USR805416**  
Wireless Turbo  
PCI Adapter



Networking



## Features and Benefits

*Faster speed, greater compatibility, better security*

### Exclusive 100 Mbps Accelerator Technology

Includes Accelerator Technology. Send and receive data at performance levels equivalent to **100 Mbps\*** – all on a single channel to ensure greater network capacity and the highest data throughput.

### Greater 802.11g/b wireless compatibility

Use the speed you purchased – **greater 802.11g and 802.11b compatibility** allows each device to connect at the fastest speed possible!

### Superior security

Up to **10 times more secure** than standard wireless networks! Your data is secure with advanced features:

- **Built-in 256-bit Wired Equivalent Privacy (WEP)** encryption
- **WPA (Wi-Fi Protected Access)** protects your privacy and important data from hackers†
- 802.1x network authentication support

### Greater range

Wirelessly network with 30% greater range and better area coverage than conventional 54 Mbps wireless products\*.

### Network management

Included Site Survey feature makes finding the closest access point easy and simplifies wireless network configuration.

### Detachable antenna

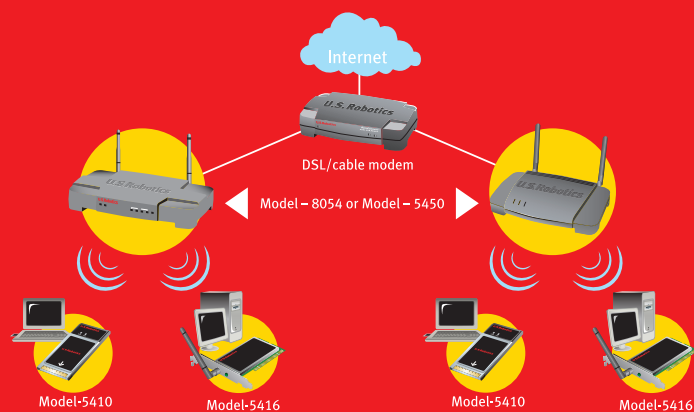
Dipole antenna with reverse polarity SMA connector easily detaches to upgrade/replace for enhanced performance.

**COMPUTER  
TRADE SHOPPER  
SUPPLIER  
EXCELLENCE  
AWARDS 2003**

Best Networking Manufacturer

# Ready. Set. Connect.™

# Total wireless solution



U.S. Robotics 802.11g Wireless Turbo networking products offer a total solution. Our simple to install portfolio is sure to meet your particular networking needs.



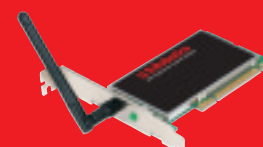
Wireless Turbo Access Point & Router – Model USR808054

- Ideal for sharing high-speed Internet access among multiple computers\*
- Includes built-in MAC address authentication



Wireless Turbo Multi-Function Access Point – Model USR805450

- Ideal for bridging wired and wireless networks
- Includes multiple operational modes for a customizable solution



Wireless Turbo PCI Adapter – Model USR805416

- Ideal for desktop computers
- Detachable antenna is easily upgradable for enhanced performance



Wireless Turbo PC Card – Model USR805410

- Ideal for laptop computers
- Low power consumption

## Standards and Specifications

- PCI 2.1/2.2 compliant

### Security Features

- 64/128/256-bit Wired Equivalent Privacy (WEP) encryption
- Disable broadcast SSID
- 802.1x network authentication support
- Wi-Fi Protected Access (WPA)†

### Modulation Types

- BPSK, QPSK, CCK, PBCC, and OFDM

### Radio

- Complies with IEEE 802.11g 54 Mbps wireless standard

### RF Output Power

- +16 to 18 dBm

### Frequency Band

- 2400 ~ 2472 MHz for Europe

### Operating Channels

- 13 channels for Europe

### Radio Technology

- Direct Sequence Spread Spectrum (DSSS)

### Data Rates

- 1, 2, 5.5, 6, 11, 12, 22, 24, 36, 48, 54 Mbps with auto-fallback\*

### Antenna Type

- Removable swivel dipole antenna with reverse polarity SMA connector

### Minimum System Requirements

- PC with Pentium processor or equivalent, 100 MHz or faster
- 64 MB RAM (or greater as recommended by your operating system)
- 500K available hard disk space for utility and driver installation
- Available PCI 2.1/2.2 slot
- Windows 98SE/Me/2000/XP operating system
- CD-ROM drive

### General Wireless Networking Requirements

- Internet access for Web sharing – active Internet connection and Internet Service Provider (ISP) account\*
- For 100 Mbps wireless networking – computer with 100 Mbps 802.11g wireless adapter/access point/router

### Regulatory/Agency Approvals

- FCC approved (Part 15 Class B)
- IC approved (RSS-210)
- UL/CUL listed
- CEⓂ

### Environmental Specifications

- Temperature Range
  - Operating: 32° - + 131° F (0° - +55° C) (Except RF output power and sensitivity)
  - Storage: -4° - + 158° F (-20° - +70° C)
- Humidity
  - Storage: 5% to 95% Non-condensing

### Package Contents

- U.S. Robotics Wireless Turbo PCI Adapter
- Removable swivel dipole antenna with reverse polarity SMA connector
- Quick Installation Guide
- Installation CD-ROM

### Package Dimensions/Weight

- Dimensions
  - Length 9.87 in. (25.07 cm)
  - Width 2.06 in. (5.23 cm)
  - Height 6.31 in. (16.03 cm)
- Weight
  - 0.6 lb (0.27 kg)

### Product Dimensions/Weight

- Dimensions
  - Length 5.23 in. (13.3 cm)
  - Width 4.76 in. (12.1 cm)
  - Height 0.86 in. (2.2 cm)
- Weight
  - 0.2 lb (0.09 kg)

### Warranty

- Two-year limited manufacturer warranty from date of purchase

For details, see [www.usr.com](http://www.usr.com)

### Model Number

- USR805416 – Wireless Turbo PCI Adapter



\* Capable of data throughput rates equivalent to 100 Mbps performance. Actual performance may vary depending on operating environment and distance between networked computers.

† Wi-Fi Protected Access (WPA) will be supported upon ratification.

‡ Internet sharing requires a router. Some Internet Service Providers (ISPs) may have additional requirements, may not allow Internet sharing, and/or may charge additional service fees.

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