

Faster speed, greater range,
better security

Networking



This is just what I needed – a network without extra wires or complications!



U.S. Robotics makes wireless networking fast and easy. Exclusive U.S. Robotics Accelerator Technology provides the performance of 54 Mbps – send and receive data at speeds comparable to 54 Mbps wireless products!*

Start accessing the Internet from almost anywhere – go wireless and extend the reach of the Internet throughout your home or office.

The U.S. Robotics family of 22 Mbps wireless networking products includes 256-bit Wired Equivalent Privacy (WEP) encryption for superior security and to protect your privacy and important data from hackers. Compatible with all 54 Mbps 802.11g draft standard and 11 Mbps 802.11b wireless standard products, U.S. Robotics 22 Mbps wireless products automatically adjust to the fastest rate possible to always provide you with the speed you need*.

Ready. Set. Connect.™

22 Mbps Wireless PCI Adapter

MODEL 2216

- Exclusive Accelerator Technology – 22 Mbps enhanced to 54 Mbps performance*
- Compatible with all 802.11g and 802.11b wireless products
- Built-in 256-bit WEP encryption for superior security
- Share Internet access, files, and peripherals†
- Surf the Web from virtually anywhere without wires*
- Detachable antenna

Features & Benefits

Exclusive Accelerator advantage – U.S. Robotics 22 Mbps enhanced to 54 Mbps performance – send and receive data at speeds comparable to 54 Mbps wireless products!*

802.11g 54 Mbps and 802.11b 11 Mbps compatibility – Compatible with all 54 Mbps 802.11g and 11 Mbps 802.11b wireless products – automatically adjusts to the fastest rate possible*.

Protects against hackers – Built-in 256-bit Wired Equivalent Privacy (WEP) encryption provides superior security to protect your privacy and important data from hackers.

Includes a trial version of Symantec's Norton Personal Firewall 2003 – Keep hackers out and personal data in through intrusion detection, application control, and privacy protection – all in one easy program!

Work through walls instead of around them – Surf the Web from any room with any computer with wireless convenience. Included Site Survey feature makes finding the closest access point easy. Move from your desk to meeting room and stay connected – don't miss that important e-mail!

Share Internet access – Send an e-mail, download an MP3, and get multiple users on the Internet from different computers in different rooms – all at the same time! Share a single high-speed Internet connection with every computer on your wireless network by adding a U.S. Robotics router designed to fit your particular networking needs.

Simple three-step installation – Our included Quick Installation Guide makes installation easy – it installs in only three simple steps with no holes to drill or wires to trip over.

Total wireless solution – U.S. Robotics offers a total 22 Mbps wireless networking solution that includes wireless routers, wireless access points, wireless PCI adapters for desktop computers, and wireless PC cards for laptop computers. So whether you're starting off small or expanding your network, U.S. Robotics has a solution that will fit your particular needs

Standards and Specifications

Security Features

- 64/128/256-bit Wired Equivalent Privacy (WEP) encryption

Modulation Types

- PBCC, CCK, QPSK, and BPSK

Radio

- Complies with IEEE 802.11b 11 Mbps wireless standard

RF Output Power

- +16 ~ 18 dBm

Frequency Band

- 2400 ~ 2472 MHz for North America and South America

Operating Channels

- 11 channels for North America and South America

Radio Technology

- Direct Sequence Spread Spectrum (DSSS)

Data Rates

- 1, 2, 5.5, 11, 22 Mbps*

Antenna Type

- Removable Dipole antenna with reverse polarity SMA connector

Minimum System Requirements

- For 22 Mbps wireless networking – computer with 22 Mbps 802.11b wireless adapter/access point/router
- For 11 Mbps wireless networking – computer with 11 Mbps 802.11b wireless adapter/access point/router
- For 256-bit WEP encryption – wireless adapter/access point/router that supports 256-bit WEP encryption
- PC with Pentium processor or equivalent, 100 MHz or faster
- Available PCI 2.2 slot
- Internet access for Web sharing – active Internet connection and Internet Service Provider (ISP) account†
- Windows 98SE/Me/2000/XP operating system
- 500K available hard disk space for utility and driver installation
- CD-ROM drive

Regulatory Agency Approvals

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

Environmental Specifications

- Temperature Range
 - Operating: 32° - +122°F (0° - +50°C)
 - Storage: -4° - +158°F (-20° - +70°C)
- Humidity
 - Operating: 0% to 70%
 - Storage: 0% to 95% Non-condensing

Package Contents

- U.S. Robotics 22 Mbps Wireless PCI Adapter
- Removable 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 warranty from date of purchase

Model Number

- 2216 – 22 Mbps Wireless PCI Adapter



* Capable of data throughput rates comparable to 54 Mbps wireless products in a mixed-mode operating environment of 802.11b standard and 802.11g draft standard products. Actual performance may vary depending on operating environment and distance between networked computers.

† Internet sharing requires a router. U.S. Robotics offers a variety of different routers to fit your particular networking needs. Some Internet Service Providers (ISPs) may have additional requirements, may not allow Internet sharing, and/or may charge additional service fees.