

U.S. Robotics®

Model 2216

22 Mbps Wireless PCI Adapter

**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 easy. Connect to the wireless world with a U.S. Robotics 22 Mbps Wireless PCI Adapter and begin experiencing speeds up to 22 Mbps.

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 provides double the transmission speed, greater range, and better area coverage than existing 11 Mbps products*.

Ready. Set. Connect.™

22 Mbps Wireless PCI Adapter MODEL 2216

- Wireless speeds up to 22 Mbps
- Also works with all 11 Mbps 802.11b wireless products
- Surf the Web from virtually anywhere without wires*
- Share Internet access, files, and peripherals†
- Built-in security protects against hackers

Features & Benefits

Twice as Fast – The U.S. Robotics 22 Mbps wireless portfolio provides double the speed of existing 11 Mbps products*.

802.11b 11 Mbps Compatibility – Compatible with all IEEE 802.11b 11 Mbps wireless products – automatically adjusts to the fastest rate possible: 22 Mbps or 11 Mbps.

Superior Range and Coverage – U.S. Robotics 22 Mbps wireless networking products provide greater range and better coverage than traditional 11 Mbps products*.

Protects Against Hackers – Integrated security protects your privacy and important data from hackers.

Work Through Walls Instead of Around Them – Surf the Web from any room with any computer with wireless convenience. Move from 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 1-2-3 Installation – Installation is quick and easy – no holes to drill or wires to trip over. Our Quick Installation Guide makes installation as simple as 1-2-3.

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 growing your network, U.S. Robotics has a solution that will fit your particular needs.

Standards and Specifications

Radio

- Complies with IEEE 802.11b 11 Mbps wireless standard
- Modulation Type: CCK, BPSK, QFSK, and PBCC
- PBCC modulation for 22 Mbps speed
- RF Output Power: +16–18 dBm
- Power Voltage: 3.3 V ± 5%
- Power Consumption: 650 mA by TX, 350 mA by RX

Frequency Band

- 2412 – 2462 MHz (North America and South America)
- 2412 – 2472 MHz (Europe)
- 2457 – 2472 MHz (France)

Operating Channels

- 11 channels (North America and South America)
- 13 channels (Europe)
- 4 channels (France)

Radio Technology

- Direct Sequence Spread Spectrum (DSSS)

Antenna

- Removable Dipole with SMA reverse connector

Data Rate

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

Security Features

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

Minimum System Requirements

- PC with Pentium processor or equivalent, 100 MHz or faster
- Available PCI 2.1 slot
- Internet access for Web sharing – active Internet connection and Internet Service Provider (ISP) account†
- Windows 98SE/Me/2000/XP
- 500K available hard disk space for utility and driver installation
- 2x or better CD-ROM drive

Regulatory Agency Approvals

- FCC Part 15
- UL/CUL
- IC Approved
- CE Ⓛ

Environmental Specifications

- Temperature Range
 - Operating 0° - +50° (Except RF output power and sensitivity)
 - Storage: -20° - +70°
- Humidity
 - Operating: 0% to 70%
 - Storage: 0% to 95% Non-condensing

Package Contents

- U.S. Robotics 22 Mbps Wireless PCI all-in-one adapter
- Quick Installation Guide
- Companion Reference 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



* 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.

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