

SpeedTouch™ 110 Wireless PC Card



The SpeedTouch 110 - Wireless PC Card provides reliable wireless networking at up to 11Mb/s, and secure Internet access for laptop computers, as well as a wide range of mobile computing devices.

The Wireless PC Card provides excellent coverage and range, lowering overall network equipment costs and offers automatic rate selection: 11 Mb/s, 5.5 Mb/s, 2 Mb/s and 1 Mb/s. As it consumes very little power, it is ideal for mobile units where long battery life is essential.

Freedom to work anywhere

The SpeedTouch 110 delivers the same high performance connectivity as wired systems, with the added freedom to move around your office, campus or house.

Data protection and security

The PC Card is designed with a security system to protect your data: the Wired Equivalent Privacy (WEP), using a 64 or 128-bit key.

This product is also WiFi Protected Access (WPA) ready to ensure more sophisticated data encryption and provide user authentication for professional users.

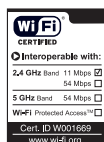
Compatible with industry standards

The Wireless PC Card is interoperable with other manufacturer's high speed IEEE 802.11b HR compliant systems. The SpeedTouch 110 is ideally suited to operate with the SpeedTouch 570 Wireless ADSL router.

Cut the wire. Keep the speed.

SpeedTouch™ 570 - Wireless ADSL router

Why get all wired up when you can go online with a totally wireless connection? This router allows multiple computers to access the Internet at the same time. So get rid of clumsy cables and clutter. Open up your working space and enjoy the freedom of accessing the web from anywhere in your home or office. Under a parasol by the pool. Or at a meeting you just couldn't get out of. You say where. You say when. You make it happen.



SpeedTouch™ 110

Wireless PC Card



Technical specifications

▶ Hardware specifications

- Interface:
 - PC card
- Dimensions: 118.5 mm x 53.9 mm x 5 mm (4.67 x 2.12 x 0.20 in)
- Temperature: 0° to 60° C (32 to 131 F)
- Humidity: 5% to 95%
- Operating Voltage: 3V - 3.6V

▶ Wireless specifications

- Compliant with 11Mb/s IEEE 802.11b HR
- Frequency Band: 2.400 - 2.497GHz (2.4GHz ISM Band)
- Modulation Technique: Direct Sequence Spread Spectrum (DBPSK, DQPSK, CCK)
- Supported Rates: : 1, 2, 5.5, 11 Mb/s
- Output Power: 15dBm +/- 1dBm
- Maximum Receive Level: -4dBm
- Available in regional variants:
 - USA (FCC): Channels 1-11
 - Israel: Channels 5-8
 - Rest Of The World (ETS): Channels 1-13

- Security:
 - Transmissions can be encrypted using WEP with a 64bit or 128bit key
 - WPA support through software upgrade

▶ Software specifications

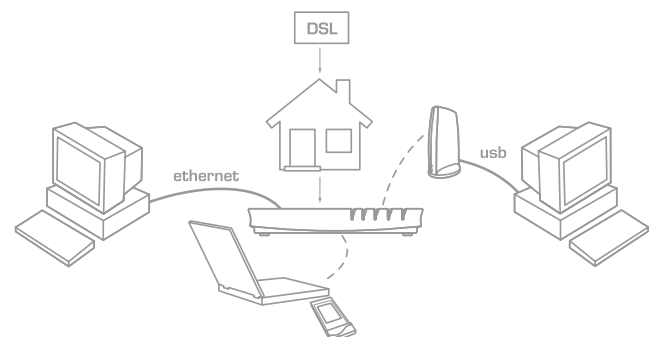
- Supports:
 - Windows 98SE, ME, 2000 and XP

▶ Certifications

- Electromagnetic Compatibility
 - USA: FCC CFR47 Part 15B, Class II
 - Europe: 89/336/EEC, ETS 301 489-1&17 (2.4GHz) EN61000-3-2 (Harmonic AC Current emissions) EN55022 Class II, EN50082-1 (Immunity)
 - Japan: VCCI Class II
- Product Safety
 - International: CB (IEC 60950)
- Radio Regulations
 - USA: FCC CFR47 part 15 C, para 15.247,295,209
 - Europe: EN 300-328
 - Japan: ARIB STD-T66 (Chan1-13), T-33 (Chan 14)
 - Canada: IC RSS 210

Coverage

Data rates	11 Mb/s	5.5 Mb/s	2 Mb/s	1 Mb/s
Range in open area	244 m (801 ft)	270 m (885 ft)	400 m (1300 ft)	550 m (1750 ft)
Range in office environment	40 m (131 ft)	70 m (230 ft)	90 m (300 ft)	100 m (328 ft)
Receiver sensitivity dBm	-83	-87	-89	-93



▶ For more information: www.speedtouch.com

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