

SpeedTouch™ 120

Wireless USB Adapter



SpeedTouch 120

The SpeedTouch 120 - Wireless USB Adapter provides high speed (11Mb/s) wireless Internet access and networking for USB enabled desktops anywhere, anytime. The USB Adapter connects directly to the desktop and is easy to install.

The access point, residential gateway, or any other 802.11b HR compliant access point simply sends the radio signals to the USB Adapter. The USB Adapter receives them and transmits the signals to the desktop PC via the USB connector. Thus, when in reach of the residential gateway or access point, the USB Adapter provides high speed wireless Internet access and networking.

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.



It's easy

Users can have wireless connectivity simply by plugging the USB Adapter into a spare USB connector and installing the software on a desktop PC or notebook.

There is no need for a desktop bus card installation, nor looking for an ISA or PCI slot or even a separate power supply.

It's secure

The SpeedTouch 120 client supports wired equivalent privacy (WEP), using a 64 or 128-bit key.

It's interoperable and compliant

The Wireless USB Adapter is interoperable with other manufacturer's high speed IEEE 802.11b HR compliant systems.

The SpeedTouch 120 is ideally suited to operate with the SpeedTouch 570 Wireless ADSL router.

SpeedTouch™ 120

Wireless USB Adapter



Technical specifications

▶ Hardware specifications

- Interface:
 - USB
 - Wireless: compliant with 11 Mb/s IEEE 802.11b HR
- Dimensions: 63 x 89 x 145 mm (2.52 x 3.56 x 5.8 in)
- Temperature: 0° to 55° C (32 to 131 F)
- Humidity: 0% to 95%
- 5 V power supply

▶ 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, 11Mb/s
- Security:
 - Transmissions can be encrypted using WEP with a 64bit or 128bit key
 - WPA support through software upgrade
- Modulation Technique: Direct Sequence Spread Spectrum (DBPSK, DQPSK, CCK)
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 - Transmissions can be encrypted using WEP with a 64bit or 128bit key
 - WPA support through software upgrade

- Modulation Technique: Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)
- Spreading: 11-chip Barker sequence

▶ Software specifications

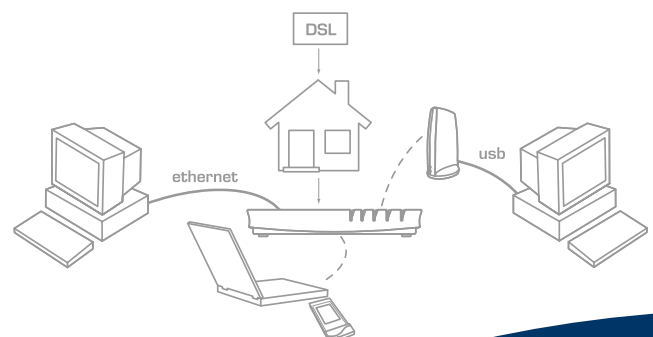
- Support for:
 - Windows 98, 98SE, 2000, ME, XP

▶ 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

	11 Mb/s	5.5 Mb/s	2 Mb/s	1 Mb/s
Data rates	11 Mb/s	5.5 Mb/s	2 Mb/s	1 Mb/s
Range in open area	160 m (525 ft)	270 m (885 ft)	400 m (1300 ft)	550 m (1750 ft)
Range in office environment	50 m (165 ft)	70 m (230 ft)	90 m (300 ft)	115 m (375 ft)
Receiver sensitivity dBm	-82	-87	-91	-94



▶ For more information: www.speedtouch.com

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