



Model: WPC51AB
Connect Your Notebook Computer
to Both 802.11A and B Wireless Networks!
Dual-Band Wireless A+B Notebook Adapter

The Dual-Band Wireless A+B Notebook Adapter lets your notebook communicate with today's wireless network standard and prepares you for the future. With one PC card, you can connect with the 2.4GHz, 802.11b wireless networks so prevalent in homes, businesses and public "hotspots" already, and also a growing number of 5GHz, 802.11a networks that are spreading across the country.

It's simple to use. Just pop it into a PC card slot, and run the included Setup Wizard, which will walk you through the configuration. To keep your communications secure, the PC card supports up to 152-bit data encryption.

802.11b wireless networks are commonly found in corporate environments and are used in homes for household Internet connectivity without the need for running cables. They're also popping up all over the country in coffee shops, airports, hotels, convention centers, and other public spaces offering "on-the-go" connectivity to mobile users. The 802.11a standard is almost five times faster than 802.11b, and operates in the less crowded 5GHz radio band, but it's not as common —yet. It is quickly being deployed wherever higher-speed connectivity is desired.

Join the wireless revolution. With the Dual-Band Wireless Notebook Adapter, you'll be ready to connect to either type of wireless network, wherever you go, now and in the future.

Features

- Connects to either 802.11b (2.4GHz) or 802.11a (5GHz) networks without changing adapters
- Wireless security with up to 152-bit WEP encryption
- Plug-and-play operation and setup wizard provides quick installation
- Easy-to-use graphical utility for monitoring wireless performance and accessing wireless networks
- Clear channel assessment increases network throughput
- Hardware buffer chaining provides high performance while reading and writing buffers

Benefits

- Operates with both the 5GHz, 802.11a and 2.4GHz, 802.11b standards
- 11 Mbps data rate in 802.11b mode, 54Mbps in 802.1a mode
- Enhanced security – up to 152-bit data encryption
- Included set-up wizard takes you through configuration, step by step

Specifications

Standards:	IEEE 802.11a, IEEE 802.11b
Channels:	802.11a: 8 Channels (USA) 802.11b: 11 Channels (USA) 13 Channels (Europe) 14 Channels (Japan)
Transmit Power:	16 dBm (maximum)
Receive Sensitivity:	802.11a: -88 dBm (typical) 802.11b: -85 dBm
Modulation:	802.11a: BPSK, QPSK, 16-QAM, 64-QAM 802.11b: CCK, QPSK, BPSK
Network Protocols:	TCP/IP, NetBEUI, IPX/SPX
OS Support:	Windows 98SE/Me/2000/XP
LEDs:	2 (not labeled)

Environmental

Dimensions:	4.72 x 0.51 x 2.13 in. (12.0 x 1.3 x 5.4 cm)
Unit Weight:	1.48 oz. (0.042 kg)
Certifications:	FCC Class B
Operating Temp.:	32°F to 140°F (0°C to 60°C)
Storage Temp.:	-4°F to 185°F (-20°C to 85°C)
Operating Humidity:	10% to 85%, non-condensing
Storage Humidity:	5% to 90%, non-condensing

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