LINKSYS®
A Division of Cisco Systems, Inc.

Radio band selectable to avoid wireless congestion!

The Ultra RangePlus Dual-Band Wireless-N USB Network Adapter is the simple way to add or upgrade wireless connectivity in your desktop or notebook computer. Just plug it into your computer's USB port and enjoy incredible high-speed wireless network access.

The Dual-Band Wireless-N USB Network Adapter uses the very latest wireless networking technology, Wireless-N (draft 802.11n). By overlaying the signals of multiple radios for each band, Wireless-N's "Multiple In, Multiple Out" (MIMO) technology multiplies the effective data rate. Unlike ordinary wireless networking technologies that are confused by signal reflections, MIMO actually uses these reflections to increase the range and reduce "dead spots" in the wireless coverage area. The robust signal travels farther, maintaining wireless connections much farther than standard Wireless-G. And with Wireless-N, the farther away you are, the more speed advantage you get. It works great with standard Wireless-G, -A, and -B equipment, but when both ends of the wireless link are Wireless-N, the throughput can be increased even more by using twice as much radio band.

Dual-band wireless networks operate in both the 2.4 and 5 gigahertz radio bands at the same time, effectively doubling the available wireless bandwidth. For instance, you could set up your network to handle video streaming on one radio band, and use the other band for simultaneous data transfers—avoiding any interference or collisions that would degrade the video performance. The Dual-Band Wireless-N USB Network Adapter allows you to connect using whichever band works the best for your situation.

To help protect your data and privacy, your wireless connection is protected by industrial-strength encryption. The included Setup Wizard will walk you through configuring the adapter to your network's settings, step by step.

The incredible speed of Wireless-N makes it ideal for media-centric applications like streaming video, gaming, and Voice over IP telephony, and gives you plenty of headroom to run multiple media-intense data streams through the network at the same time, with no degradation in performance. Get your computer connected to either band of Wireless-N, as well as Wireless-G, Wireless-A, and Wireless-B networks with the Ultra RangePlus Dual-Band Wireless-N USB Network Adapter from Linksys.

High-speed Wireless-N (draft 802.11n) networking for notebook and desktop computers

MIMO technology uses multiple radios per band to create robust signals for maximum range and speed, with reduced dead spots

Operates in the 2.4 and 5GHz radio bands—choose the one with least congestion in your area

Also connects to Wireless-G, -B, and -A networks

Dual-Band Wireless-N USB Network Adapter

Model: WUSB600N

Features

- High-speed, Dual-Band Wireless-N (draft 802.11n) networking for your desktop or notebook PC

- MIMO technology uses multiple radios to create a robust signal that travels farther and reduces dead spots

- Much faster than Wireless-G, but can also connect to Wireless-G, -B and -A networks

- Performance investment protection: compatibility with Wireless-B (802.11b) and Wireless-G (802.11g) standards

- Supports up to 256-bit encryption (WEP, WPA and WPA2)

- USB 2.0 interface

- Easy-to-use setup wizard

- Compatible with Microsoft Windows 2000, XP, and Vista

Specifications

Model	WUSB600N
Standards	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, Draft IEEE 802.11n
LEDs	Link/Act
# of Antennas	2 Internal Antennas
Transmitted Power	2.4 GHz Wireless-N @ < 16 dBm (typical) 5 GHz Wireless-N @ < 16 dBm (typical)
Receive Sensitivity	2.4 GHz Wireless-N @ < -91 dBm (typical) 5 GHz Wireless-N @ < -91 dBm (typical)
Antenna Gain in dBi	2.4 GHz Wireless @ ± (typical): 2 dB +/-1 dB 5 GHz Wireless @ ± (typical): 4 dB +/- 1 dB
Power Consumption	TX < 480mA (maximum) RX < 300mA (maximum)
Security Features	WEP, WPA, and WPA2
Security Key Bits	Up to 256-Bit Encryption

Environmental

Dimensions	3.86" x 0.43" x 1.10" (98 x 11 x 28 mm)
Weight	0.79 oz (23 g)
Certification	FCC, CE, IC, Wi-Fi A/B/G/Draft-N
Operating Temp.	32 to 104°F (0 to 40°C)
Storage Temp.	14 to 158°F (-10 to 70°C)
Operating Humidity	10 to 85% Noncondensing
Storage Humidity	5 to 90% Noncondensing

Package Contents

- Dual-Band Wireless-N USB Network Adapter
- USB Extension Base
- Setup Wizard CD-ROM
- User Guide on CD-ROM
- Quick Installation

Minimum Requirements

- 600 MHz or Faster PC
- 512 MB of RAM Memory
- CD-ROM Drive
- Available USB Port (USB 2.0 port required for fastest speeds)
- Up-to-Date Windows 2000, XP, or Vista

The maximum performance for wireless is derived from IEEE Standard 802.11 specifications. Actual performance can vary, including lower wireless network capacity, data throughput rate, range and coverage. Performance depends on many factors, conditions and variables, including distance from the access point, volume of network traffic, building materials and construction, operating system used, mix of wireless products used, interference and other adverse conditions.

Check the product package and contents for specific features supported. Specifications are subject to change without notice.

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