

# LINKSYS®

A Division of Cisco Systems, Inc.

## Start a wireless network with up to 4X the range and 12X the speed!



## Wireless-N Gigabit Router with Storage Link

Model: **WRT350N**

### PRODUCT DATA

Internet-sharing Router and 4-port Gigabit Switch, with a built-in speed and range enhanced Wireless Access Point

Connects hard drive or flash-based USB storage devices directly to your network to share music, video, or data files

MIMO technology uses multiple radios to create a robust signal that travels up to 4 times farther and reduces dead spots

Up to 12 times faster than Wireless-G, but also works great with Wireless-G and -B devices



## PRODUCT DATA

### Features

- Built-in Storage Link, transform any USB storage device into a NAS
- Built-in Media Server, streams music, video and photos to any UPnP compatible media adapter
- Blazing fast wireless speeds for high bandwidth applications such as video streaming or file sharing
- All Ethernet ports support up to Gigabit speed and Auto-Crossover (MDI/MDI-X)—no need for crossover cables
- Device can be placed vertically or horizontally

# Wireless-N Gigabit Router with Storage Link

The Wireless-N Gigabit Router is really four devices in one box. First, there's the Wireless Access Point, which lets you connect to the network without wires. There's also a built-in 4-port full-duplex 10/100/1000 Switch to connect your wired-Ethernet devices together at up to gigabit speeds. The Router function ties it all together and lets your whole network share a high-speed cable or DSL Internet connection.

We've also included a Storage Link that lets you easily add gigabytes of storage space onto your network using readily available USB 2.0 hard drives—or plug in a USB flash disk for a convenient way to access your portable data files. The built-in Media Server streams music, video, and photos from the attached storage device to any UPnP compatible media adapter. And you can get to your files from anywhere in the world through the Internet.

The Access Point built into the Router uses the very latest wireless networking technology, Wireless-N (draft 802.11n). By overlaying the signals of multiple radios, 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 up to 4 times farther than standard Wireless-G.

With Wireless-N, the farther away you are, the more speed advantage you get. It works great with standard Wireless-G and -B equipment, but when both ends of the wireless link are Wireless-N, the router can increase the throughput even more by using twice as much radio band, yielding speeds up to 12 times as fast as standard Wireless-G. But unlike other speed-enhanced technologies, Wireless-N can dynamically enable this double-speed mode for Wireless-N devices, while still connecting to other wireless devices at their respective fastest speeds. In congested areas, the "good neighbor" mode ensures that the Router checks for other wireless devices in the area before gobbling up the radio band.

To help protect your data and privacy, the Router can encode all wireless transmissions with industrial-strength 128-bit encryption. It can serve as your network's DHCP Server, has a powerful SPI firewall to protect your PCs against intruders and most known Internet attacks, and supports VPN pass-through. Configuration is a snap with the web browser-based configuration utility.

The incredible speed of Wireless-N and gigabit wired networking is 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. With the Linksys Wireless-N Gigabit Router at the center of your home or office network, you can easily add storage, share a high-speed Internet connection, files, printers and multi-player games, and run media-intensive applications at amazing speeds, without the hassle of stringing wires!

## PRODUCT DATA

# Wireless-N Gigabit Router with Storage Link

### Specifications

Model	WRT350N
Standards	Draft 802.11n, 802.11g, 802.11b, 802.3, 802.3u, 802.3x, 802.3ab, USB 2.0
Ports	Power, Internet, Ethernet, USB
Buttons	Reset
LEDs	Power, Ethernet (1-4), Internet, USB, Wireless, Security
Cabling Type	CAT 5e, USB 2.0
Number of Antennas	3
Detachable (y/n)	No
RF Pwr (EIRP) in dBm	17 dBm
Antenna Gain in dBi	1.8 dBi
UPnP able/cert	Able
Security Features	WEP, WPA, WPA2
Security Key Bits	128 bit

### Environmental

Device Dimensions	7.40" x 1.57" x 6.93" (188 x 40 x 176 mm)
Weight	1.15 lb (0.52 kg)
Power	12V, 1.25A
Certification	FCC, CE, IC-03, Wi-Fi
Operating Temp.	0 to 40°C (32 to 104°F)
Storage Temp.	-20 to 60°C (-4 to 140°F)
Operating Humidity	10 to 85% Noncondensing
Storage Humidity	5 to 90% Noncondensing

### Package Contents

- Wireless-N Gigabit Router with Storage Link
- Setup CD-ROM with Norton Internet Security
- User Guide on CD-ROM
- Ethernet Network Cable
- Power Adapter

### Minimum Requirements

- Internet Explorer 6.0 or Firefox 1.0
- CD-ROM drive
- Windows 2000, XP, or Vista
- Network Adapter

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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.

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