

LINKSYS®

A Division of Cisco Systems, Inc.

Start a wireless network with up to 3X the range and 9X the speed!



Wireless-N Home Router

Model No: **WRT150N**

PRODUCT DATA

Internet-sharing Router and 4-port 10/100 Switch, with a built-in speed and range enhanced Wireless Access Point

MIMO technology uses multiple radios to create a robust signal that travels up to 3 times farther and reduces dead spots

Up to 9 times faster than Wireless-G, but also works great with Wireless-G and -B devices

Wireless signals protected by wireless encryption, and your network protected from Internet attacks by a powerful SPI firewall



PRODUCT DATA

Features

- Complies with IEEE draft 802.11n standards
- Blazing fast wireless speeds for high bandwidth applications such as video streaming or file sharing
- Expanded wireless coverage up to 3X the range of 802.11g products
- All LAN ports support auto-crossover (MDI/MDI-X)—no need for crossover cables

Wireless-N Home Router

The Wireless-N Home Router is really three 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 Switch to connect your wired-Ethernet devices together. Finally, the Router function ties it all together and lets your whole network share a high-speed cable or DSL Internet connection.

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 3 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 9 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 256-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 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-intensive data streams through the network at the same time, with no degradation in performance. With the Linksys Wireless-N Home Router at the center of your home or office network, you can share a high-speed Internet connection, files, printers, and multi-player games, and run media-intensive applications at incredible speeds, without the hassle of stringing wires!

PRODUCT DATA

Wireless-N Home Router

Specifications

Model	WRT150N
Standards	Draft 802.11n, 802.11g, 802.11b, 802.3, 802.3u
Ports	Power, Internet, Ethernet
Buttons	Reset
LEDs	Power, Ethernet (1-4), Internet, Wireless, Security
Cabling Type	CAT 5e
# of Antennas	2
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, 256-Bit

Environmental

Dimensions	5.91" x 1.42" x 6.69" (150 x 36 x 170 mm)
Weight	13.1 oz (0.371 kg)
Power	12V, 1A
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 Home Router
- Setup CD-ROM with Norton Internet Security
- User Guide on CD-ROM
- Ethernet Network Cable
- Quick Install
- Power Adapter

Minimum Requirements

- Internet Explorer 6.0 or Firefox 1.0
- CD-ROM Drive
- Windows 2000 or XP
- Network Adapter

Linksys
A Division of Cisco Systems, Inc.
121 Theory
Irvine, CA 92617 USA

E-mail: sales@linksys.com
support@linksys.com

Web: www.linksys.com

Linksys products are available in more than 50 countries, supported by 12 Linksys Regional Offices throughout the world. For a complete list of local Linksys Sales and Technical Support contacts, visit our worldwide website at www.linksys.com

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. Linksys is a registered trademark or trademark of Cisco Systems, Inc. and/or its affiliates in the U.S. and certain other countries. Copyright © 2007 Cisco Systems, Inc. All rights reserved. Other brands and product names are trademarks or registered trademarks of their respective holders.

7032810A-JL

Model No: **WRT150N**