



LINKSYS<sup>®</sup> by Cisco

## Wireless-N Home Router

Cisco is the worldwide leader in wireless networking

Step up to the speed of Wireless-N

Advanced security features help protect your data and privacy

Easy to install on a Windows PC or Mac with Cisco Setup Wizard



# Step up to the speed of Wireless-N!

Get connected without wires. The Wireless-N Home Router gives you a wireless connection that's twice the speed of Wireless-G so your whole family can share a broadband Internet connection and access files from almost anywhere in the house.

## Wireless Freedom

Wireless-N technology lets you surf the web from the living room, play on-line games from the bedroom, and listen to your digital music in the kitchen. The extra speed lets you connect more devices, and move files faster. And Wireless-N works great with your older devices, too.

## Device Connectivity

Keep your digital files in one place, and share them from any computer on your network. Four built-in 10/100 Ethernet ports make it easy to connect additional wired computers, storage, printers, and other wired devices to your network.

## Security Made Simple

Wireless security and firewall protection help safeguard your home network and computers from most Internet attacks.

Featured Specifications:	
<b>Wireless Bands:</b>	
<input checked="" type="checkbox"/>	2.4 GHz Only
<input type="checkbox"/>	Selectable (2.4 GHz or 5 GHz)
<input type="checkbox"/>	Simultaneous (2.4 GHz and 5 GHz)
<b>Avoids Interference w/other devices/networks:</b>	
<input checked="" type="checkbox"/>	Good
<input type="checkbox"/>	Better
<input type="checkbox"/>	Best
<b>Four Port Wired Switch Speed:</b>	
<input checked="" type="checkbox"/>	Fast Ethernet (10/100 Mbps)
<input type="checkbox"/>	Gigabit Ethernet (10/100/1000 Mbps)
<b>Setup and Security:</b>	
<input checked="" type="checkbox"/>	Wi-Fi Protected Setup™
<input checked="" type="checkbox"/>	WEP, WPA™, WPA2™ encryption
<input checked="" type="checkbox"/>	Built-in firewall to guard against Internet attacks
<b>Special Features:</b>	
<input type="checkbox"/>	Storage Link to share a USB Hard Drive
<input type="checkbox"/>	Media Optimized Networking for concurrent HD video and music streaming, voice, gaming, large file transfers.

## Features

- Wireless router shares the internet, printing and storage with multiple computers
- Double the speed of G when used with other Wireless-N devices but also works great with older G products
- Includes four Fast Ethernet ports for your wired computers and devices
- Powerful encryption protects the router's wireless signal and a built-in firewall helps guard your computers from Internet attacks
- Push button setup feature helps make wireless configuration more secure and simple (Wi-Fi Protected Setup™)
- Easy to install on a Windows PC or Mac with Network Magic™



**Connects to the Internet**

**Fast Ethernet ports to connect 10/100 wired devices**



## Minimum Requirements

- Internet Explorer 6, Safari 3, or Firefox 2 or Higher for Browser-Based Configuration
- CD or CD/DVD Drive
- Network Magic Basic and Home Network Defender Software Require Up-to-Date Windows XP, or a 32- or 64-Bit Edition of Vista or Windows 7
- Setup Wizard Also Runs under Mac OS X 10.4 or Higher

## Adapter Requirement

- If your computer or peripheral device does not have built-in wireless capability, you will need to purchase an external adapter.

## Package Contents

- Wireless-N Home Router
- Setup Software and User Guide on CD-ROM
- Ethernet Network Cable
- Quick Installation Guide
- Power Adapter



Model: **WRT120N**

Specifications	
Model	WRT120N
Standards	Complies with IEEE 802.3u, 802.11g and 802.11b standards, and compatible with some 802.11n features.
LEDs	Power, Internet, Wireless, Wi-Fi Protected Setup™, Ethernet (1-4)
Ports	Internet, Ethernet (1-4), Power
Buttons	Reset, Wi-Fi Protected Setup™
Cabling Type	CAT5
# of Antennas	2 (internal)
Detachable (y/n)	No
Modulations	802.11b: CCK/QPSK, BPSK 802.11g: OFDM/BPSK, QPSK, 16-QAM, 64-QAM 802.11n: OFDM/BPSK, QPSK, 16-QAM, 64-QAM
Transmitted Power in dBm	802.11b: 21 ± 2 dBm (typical) 802.11g: 18 ± 2 dBm (typical) 802.11n: 16 ± 2 dBm (typical)
Receive Sensitivity in dBm	-90 dBm (typical) @ 1 Mbps -85 dBm (typical) @ 11 Mbps -68 dBm (typical) @ 54 Mbps -65 dBm (typical) @ 150 Mbps
Antenna Gain in dBi	2.0 (max)
Maximum Data Rate	150 Mbps
UPnP able/cert	Able
Wireless Security	Wi-Fi Protected Access™ 2 (WPA2), WEP, Wireless MAC Filtering
Security key bits	Up to 128-Bit Encryption
OS Requirements	Network Magic Basic and Home Network Defender Software Require Up-to-Date Windows XP, or a 32- or 64-Bit Edition of Vista or Windows 7 Setup Wizard Also Runs under Mac OS X 10.4 or Higher

Environmental	
Dimensions	203 x 35 x 160 mm (7.99" x 1.38" x 6.30")
Weight	238 g (8.40 oz)
Power	12V, 1.0A
Certification	FCC, UL/cUL, ICES-003, RSS210, CE, Wi-Fi (IEEE 802.11b/g), WPA2™, WMM®, Wi-Fi Protected Setup™
Operating Temperature	0 to 40° C (32 to 104° F)
Storage Temperature	-20 to 60° C (-4 to 140° F)
Operating Humidity	10% to 80% Noncondensing
Storage Humidity	5% to 90% Noncondensing

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.

Specifications are subject to change without notice.

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