

## Build a high-speed wireless network optimized for gaming!



The Wireless-N Gigabit Gaming 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 Network Optimizer that applies various Quality of Service (QoS) techniques to your network traffic to make sure that time-sensitive applications like online and local network gaming run smoothly. It automatically determines what data is time-sensitive and what isn't, and prioritizes delivery of that data to its destination, ensuring the best-possible performance for the various types of data that go through your network.

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.

Share a high-speed Internet connection

Play on-line and networked games lag-free

Ultra-fast wired speeds with built-in Gigabit switch

## Wireless-N



## Gigabit Gaming Router

Product Data

Model **WRT330N**



# Wireless-N Gigabit Gaming Router

## Features

- Internet-sharing Router and 4-port Gigabit Switch, with a built-in speed and range enhanced Wireless Access Point
- Optimizer for time-sensitive applications provides reduced game lag and cleaner sounding VoIP calls
- 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 as fast as Wireless-G, and works great with Wireless-G, -B devices

## Specifications

Model	WRT330N
Standards	802.11b, 802.11g, 802.3, 802.3u, draft 802.11n
Ports	Power, Internet, Ethernet
Buttons	Reset
LEDs	Power Internet, Ethernet (1-4), Wireless, Security
Cabling Type	CAT 5e
# of Antennas	3
Connector type	N/A
Detachable (y/n)	No
RF Pwr (EIRP) in dBm	14
Antenna Gain in dBi	1.5 dBi
Security features	WEP, TKIP, AES
Security key bits	64, 128

## Environmental

Device Dimensions	W	H	D	Weigh
Metric	188	40	176 mm	0.527 kg
English	7.40"	1.57"	6.93"	1.16 lbs or 18.59 oz
Power	12V 1.0A			
Certification	FCC, IC-03			
Operating Temp.	32 to 122 degrees F (0 to 50 degrees C)			
Storage Temp.	-4 to 167 degrees F (-20 to 75 degrees C)			
Operating Humidity	10 to 85% non-condensing			
Storage Humidity	5 to 95% non-condensing			

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## Minimum Requirements

- Internet Explorer 5.5 or Firefox 1.0 or higher
- CD-ROM Drive
- Windows 2000 or XP
- Network Adapter

## Package Contents

- Wireless-N Gigabit Gaming Router
- Setup Wizard CD-ROM
- User Guide on CD-ROM
- Quick Install
- Network Cable
- Power Adapter

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