

Routers - WAG320N

Dual-Band Wireless-N ADSL2+ Modem Gigabit Router

WAG320N Detailed Features

Dual-Band Wireless-N ADSL2+ Modem Gigabit Router

The Linksys by Cisco Dual-Band Wireless-N ADSL2+ Modem Gigabit Router is the heart of your home network. The built-in ADSL2+ modem plugs directly into your Internet connection, while the router function connects your computers, game consoles, and other network-enabled devices together and to the Internet either directly hard-wired or through high-speed wireless*. This easy-to-use device has the features you need to set up a versatile, fast, and security conscious network in your home.

High-speed ADSL2+ modem gives you a fast, "Always On" connection to the Internet

Internet-sharing router with built-in wireless access point and 4-port switch

Works in either the 2.4 or 5 gigahertz radio bands

4-port Gigabit switch gives fast file transfers for directly wired devices

Wi-Fi Protected Setup® helps make wireless configuration more secure and push button easy

Helps protect your data and privacy with encrypted wireless transmissions and a powerful SPI firewall to block most known Internet attacks

Fast and Far

Wireless Speed and Range

The Dual-Band Wireless-N ADSL2+ Modem Gigabit Router uses the very latest wireless networking technology, Wireless-N. By overlaying the signals of multiple radios, Wireless-N's "Multiple In, Multiple Out" (MIMO) technology multiplies the effective data rate.

Dual-band technology works in either the 2.4 or 5 gigahertz radio bands

Use the 2.4GHz band to connect to many classic wireless devices like game consoles, older notebooks, DVRs, media players, etc.

Or use the less-crowded 5GHz band to avoid interference with 2.4GHz networks or noisy devices like cordless phones and microwave ovens

Both bands use Wireless-N technology for robust speed and range, and more complete coverage throughout your home

Great for media-centric applications like streaming video, gaming, and Voice over IP telephony

Also connects to Wireless-G or -B devices

Double Channel Width mode doubles the throughput

Specially designed internal antennas provide great range in an attractive, sleek case that looks good in any room, on a shelf or wall-mounted

Gigabit Fast Wired Connections

The Router also provides connections for directly-wired network devices. The 4 Gigabit Ethernet ports connect with rates 10 times faster than standard "Fast Ethernet" ports. You'll get fast file transfers to network storage devices, printers, and other gigabit-enabled network devices.

On-time delivery with QoS

And, to deliver your time-sensitive Internet traffic efficiently, the Modem-Router features Quality of Service (QoS) capabilities. QoS tells your network to give priority to packets in time-sensitive streams like Voice (VoIP) or media (audio or video), so that these types of applications can deliver less garbled conversations and smoother digital video.

Prioritize applications:

MSN Messenger, Skype, or Yahoo! Messenger

Many popular online game presets, or add your own

Or prioritize devices by MAC address, specific Ethernet port, or specific Voice device

Also supports Wi-Fi MultiMedia (WMM) for automatic prioritization of voice and video streams

Safe and Sound

Wireless Security

To help protect your data and privacy, the Modem-Router can encrypt all wireless transmissions with the latest industrial-strength 128-bit encryption.

Choose the wireless security of WEP, WPA Personal or Enterprise, WPA2 Personal, Enterprise, or Mixed, or RADIUS

Prevent or permit specific wireless devices from accessing the network by listing their MAC address
Wi-Fi Protected Setup™; support for WPA2 (Wi-Fi Protected Access) wireless connections at the push of a button
Internet Security

The Dual-Band Wireless-N ADSL2+ Modem Gigabit Router has a powerful SPI firewall to help protect you against intruders and most known Internet attacks. The Modem-Router also features filters that let you deny specific types of Internet requests, and block certain application types.

NAT (Network Address Translation) helps prevent your local network and its devices from being "seen" from the Internet
SPI Firewall blocks un-asked-for Internet traffic

Port Forwarding and DMZ allow controlled access to your network resources from the Internet

Access Controls for Parents

Of growing concern for parents is the amount and type of Internet access their families have. The Dual-Band Wireless-N ADSL2+ Modem Gigabit Router can help. Parents can create policies for each PC in the house, to control access by time and day, specific website, keyword, protocols, or applications.

For each PC in the house:

- Specify Internet availability by time and day of the week
 - Block specific websites by web address or categories keyword
 - Block specific Internet protocols like FTP, POP3, IMAP, or SMTP
 - Block specific applications, like online games, by communication ports used
- User Friendly

Easy to Set Up

The included Cisco Setup Wizard software runs on both Windows and Mac, and walks you step-by-step through the initial setup of the Modem-Router with clear illustrations and jargon-free language.

Easy to Use

But with all this power and all these features, you might expect that the Dual-Band Wireless-N ADSL2+ Modem Gigabit Router requires a networking genius to maintain and use. Fortunately, it comes with one, right in the box: Network Magic Essentials (Windows only).

Helps connect devices and sets up sharing for printers and files

- Monitors and helps troubleshoot your network
- Visualize your network with Network Map
- Parental Controls: Monitor and restrict Internet activity
- Media Savvy

We've also included a Storage Link port 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 AV compatible media adapter. And you can get to your files from anywhere in the world through the Internet (via FTP).