

All-In-One Internet Connectivity with the speed and range of Wireless-N



The Linksys Wireless-N ADSL2+ Gateway is the all-in-one solution for Internet connectivity. The ADSL2+ Modem function gives you a blazing fast connection to the Internet, far faster than a dial-up, and without tying up your phone line. The Router function lets share your high-speed Internet connection with all the PCs in the house.

Share files, printers, hard drive space, and other resources by connecting your computers to the Gateway via the built-in 4-port 10/100 Ethernet Switch. Attach four wired PCs directly, or connect more hubs and switches to create as big a network as you need.

Or, use the built-in Access Point to connect wireless devices to your network without running cables through the building. The Access Point built into the Gateway 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 and maintaining the wireless connection up to twice as far 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 Gateway can increase the throughput even more by using twice as much radio band, yielding speeds up to 6 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.

The Gateway protects your data and privacy with up to 256-bit industrial-strength encryption and 802.1x authentication and authorization. It also 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.

With the Linksys Wireless-N ADSL2+ Gateway at the heart of your network, you're connected to the future.

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

Connect your PCs via the built-in Router and 4-port Switch to jump start your Ethernet network and share the Internet throughout the building

Built-in Wireless-N (draft 802.11n) Access Point also lets you connect without running wires -- up to 6 times as fast as Wireless-G

Wireless-N increases wireless range up to twice as far and reduces dead spots in coverage area

Wireless-N

ADSL2+ Gateway

Product Data



Model

WAG300N (EU)



Wireless-N

ADSL2+ Gateway

Features

- Complies with IEEE draft 802.11n standards
- Expanded wireless coverage. Up to 6X the range of 802.11g products
- Built-in ADSL modem with G.lite, G.dmt, g.992.3, g.992.5, and T1. 413i2 support
- Supports 4 10/100 Auto MDI/MDI-X LAN switch ports
- Enhanced security management functions: Port Filtering, MAC and IP Address Filtering, DMZ Hosting, and NAT Technology
- Build-in web graphical user interface for easy configuration from any web browser
- Support for RFC1483, PPPoE and PPPoA connections
- Stateful Packet Inspection (SPI) firewall with Denial of Service (DoS) prevention
- Wireless Access Lists to enhance wireless security, support WPA and WPA2
- Supports VPN Passthrough for IPSec, PPTP, and L2TP Protocols
- Supports Static and Dynamic Routing (RIP1 and 2)
- DHCP Server capability to assign IP addresses automatically
- Remote administration and remote upgrades available over the Internet
- E-mail and Web-based Logging of Security Events
- Supports traffic and event logging
- Support for NTP (Network Time Protocol) for Synchronizing with a Real-Time Server
- Support for Broadcast SSID Disable



Specifications

Model	WAG300N
Standards	Draft 802.11N, 802.11g, 802.11b, 802.3, 802.3u, g.992.1 (g.dmt), g.992.2 (g.lite), g.992.3, g.992.5, T1.413i2
Ports	Power, Line (ADSL), Ethernet (1-4)
Buttons	Reset, Power
Cabling Type	CAT 5 UTP
LEDs	Power, Wireless, Ethernet (1-4), DSL, Internet
# of Antennas	3
Connector Type	Fixed
Detachable (y/n)	n
RF Pwr (EIRP) in dBm	17
Antenna Gain in dBi	2
UPnP able/cert	Able
Security Features	Password protected configuration for web access PAP and CHAP authentication Denial of Service (DoS) Prevention URL filtering, and keyword, Java, ActiveX, Proxy, Cookie blocking ToD filter (Blocks Access by Time) VPN Passthrough for IPSec, PPTP, and L2TP Protocols 128, 64 bits WEP with Passphrase WEP key generation SSID Broadcast Disable Access restriction by MAC and IP addresses
WEP key bits	64, 128

Environmental

Device Dimensions	140 x 140 x 27 mm (W x H x D)
Weight	0,273 kg
Power	12VDC, 1A
Certification	CE
Operating Temp.	0°C to 40°C
Storage Temp.	-20°C to 70°C
Operating Humidity	10% to 85% Non-Condensing
Storage Humidity	5% to 90% Non-Condensing

Linksys

Web: <http://www.linksys.com/international>

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 Web Site at

www.linksys.com/international.

Minimum Requirements

- PC with a Network Adapter and the TCP/IP Protocol installed
- CD-ROM Drive
- Internet Explorer 5.0 or Netscape Navigator 4.7 or Higher for Web-based Configuration
- Activated ADSL line

Package Contents

- Wireless-N ADSL2+ Gateway
- Power Adapter
- User Guide on CD-ROM
- Network Cable
- Phone Cable
- Setup Wizard on CD-ROM with Norton Internet Security

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 © 2006 Cisco Systems, Inc. All rights reserved. Other brands and product names are trademarks or registered trademarks of their respective holders.

WAG300N-EU-DS-60503NC SW

Model **WAG300N (EU)**