LINKSYS®

A Division of Cisco Systems, Inc.

All-in-one Internet connectivity with the speed and range of Wireless-N

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

Connect your computers 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 12 times as fast as Wireless-G

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

Wireless-N
ADSL2+ Gateway

Model: **WAG325N**

CISCO™

Wireless-N ADSL2+ Gateway

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 computers 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 computers 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 four times as far standard Wireless-G.

The Virtual Private Network (VPN) function creates IPSec encrypted "tunnels" through the Internet so up to 5 users can securely connect to a corporate network. You can also use VPN to connect remote or traveling users to your office network from off-site. The Gateway protects your data and privacy with up to 256-bit industrial-strength WPA2 encryption and 802.1x authentication and authorization. It also has a powerful SPI firewall to protect your computers against intruders and most known Internet attacks. 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

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 4X the range of 802.11g products.
- All LAN ports support auto-crossover (MDI/MDI-X) -- no need for crossover cables
- Device can be placed vertically or horizontally
- DSL modulation modes: Multimode, T1.413i2, G.dmt, G.lite, ADSL, ADSL2+, ADSL2L, ADSL2M, ADSL2+M
- 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, supports WPA2 and WPA
- Support IPSec VPN terminal, up to 5 tunnels
- Supports VPN Passthrough for IPSec, PPTP, and L2TP Protocols

Wireless-N ADSL2+ Gateway

- 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
- Email 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	WAG325N
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, U-R2 for Annex B
Ports	Internet, Ethernet (1-4)
Buttons	Reset, WPS (not functional)
LEDs	Power, Ethernet (1-4), DSL, Internet, Wireless, Security
Cabling Type	CAT 5 UTP, RJ-11, RJ-45
# of Antennas	3, not detachable
RF Pwr (EIRP) in dBm	17
Antenna Gain in dBi	1.8
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; AP Isolation; Access restriction by MAC and IP addresses; WPA2/WPA Personal and Enterprise; NAT; SPI Firewall

Environmental

Dimensions	188 x 40 x 176 mm (7.4" x 1.57" x 6.93")
Weight	527 g (18.6 oz)
Power	12V 1A
Certification	FCC, CE, IC-03, Wi-Fi, IDA, A-tick, Telepermit
Operating Temp.	0 to 40° C (32 to 104° F)
Storage Temp.	-20 to 70° C (-4 to 158° F)
Operating Humidity	10 to 85% Noncondensing
Storage Humidity	5% to 90% Noncondensing

Package Contents

- Wireless-N ADSL2+ Gateway
- Setup CD-ROM with Norton Internet Security
- User Guide on CD-ROM
- Ethernet Network Cable
- Phone Cable (Annex A only)
- Power Adapter

Minimum Requirements

- Computer with a Network Adapter and the TCP/IP Protocol installed
- CD-ROM drive
- Activated ADSL line and account information
- Internet Explorer 6.0 or Firefox 2.0 for web based configuration
- Windows XP or Windows Vista to run the Setup Wizard

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.

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