

All-in-one modem and router solution for Internet connectivity

The Linksys Wireless-G ADSL2+ Gateway is the all-in-one solution for Internet connectivity in your home. The ADSL Modem function gives you a blazing fast connection to the Internet, far faster than a dial-up, and without tying up your phone line.

Connect your computers to the Gateway via the built-in 4-port 10/100 Ethernet Switch to jump start your home network. You can share files, printers, hard drive space and other resources, or play head-to-head PC games. Attach four PCs directly, or connect more hubs and switches to create as big a network as you need. The built-in Wireless-G (802.11g) Access Point with its high-gain internal antenna allows up to 32 wireless devices to connect to your network at a blazing 54Mbps, without running cables through the house. It's also compatible with Wireless-B (802.11b) devices, at 11Mbps. The Gateway's Router function ties it all together and lets your whole network share that high-speed Internet connection.

Once your computers are connected to the Gateway and the Internet, they can communicate with each other too, sharing resources and files. All your computers can print on a shared printer connected anywhere in the house. And your computers can share all kinds of files -- music, digital pictures, and documents. Keep all your digital music on one computer, and listen to it anywhere in the house. Organize all of your family's digital pictures in one place, to simplify finding the ones you want, and easing backup to CD-R. Utilize extra free space on one computer when another's hard drive starts to fill up.

The new Wi-Fi Protected Setup feature makes it easy to configure your wireless devices. Just push the button on the Gateway and on your other Wi-Fi Protected Setup-enabled wireless device to automatically create a WPA2 connection that protects your data and privacy with up to 128-bit industrial-strength encryption. The Gateway can serve as a DHCP Server, has a powerful SPI firewall to protect your PCs against intruders and most known Internet attacks, supports VPN pass-through, and can be configured to filter internal users' access to the Internet. Advanced configuration is a snap with the web browser-based interface.

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

DATASHEET

#1 choice for wireless networking worldwide

Connect multiple computers to your ADSL2+ Internet connection

Safe and secure wireless and Internet connections

Linksys EasyLink Advisor (LELA)
Get up and running in minutes



Wireless-G ADSL2+ Gateway

Model: WAG54G2

Features

- Built-in ADSL modem with MultiMode, T1.413, G.dmt, G.lite, ADSL2, ADSL2+, ADSL2 L, ADSL2 M, and ADSL2+ M support
- Enhanced security management functions: Port Filtering, MAC and IP Address Filtering, DMZ Hosting, and NAT Technology
- Denial of Service (DoS) prevention helps prevent ping of death, SYN flood, land attack, and IP spoofing
- Unsurpassed wireless security with Wi-Fi Protected Access™ 2 (WPA2)
- Wi-Fi Protected Setup support
- Wall mountable
- Supports VPN passthrough for IPSec, PPPoE, 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
- Email and Web-based logging of security events
- Supports SNTP (Simple Network Time Protocol) for synchronizing with a real-time server



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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 website at www.linksys.com

Specifications

Model	WAG54G2
Standards	802.11g, 802.11b, T1.413i2, G.992.1 (G.DMT), G.992.2 (G.Lite), G.992.3/4 (ADSL2), G.992.3 Annex L (ADSL2 L), G.992.3 Annex M (ADSL2 M), G.992.5 (ADSL2+), G.992.5 Annex M (ADSL2+ M), G.994.1 (G.hs), G.996.1 (G.test), U-R2 for Annex B
Ports	DSL, Ethernet (1-4), Power
Buttons	Reset, Wi-Fi Protected Setup™
LEDs	Power, Ethernet, Security, Wireless, DSL, Internet
Cabling Type	CAT 5 UTP, RJ-11, RJ-45
# of Antennas	1
Connector type	Internal
RF Pwr (EIRP)	802.11g: 15 dBm, 802.11b: 17 dBm
Antenna Gain	2 dBi
UPnP able/cert	Able
Security	VPN Passthrough (IPSec, PPPoE, PPTP, L2TP), DoS Protection, WPA2/WPA Personal and Enterprise, WEP, MAC Address Filtering, NAT, SPI Firewall
Routing & Management Protocols	Static and Dynamic Routing, RIP (v1/v2), IGMP, QoS, WMM, UPnP, MAC Address Cloning

Environmental

Dimensions	7.95" x 1.34" x 6.30" (202 x 34 x 160 mm)
Weight	12.77 oz (340 g)
Power	DC 12V/1A
Certification	FCC, IC, CE, A-Tick, IDA, Wi-Fi (802.11b/g), WPA, WPA2, Telepermit, Anatel
Operating Temp.	32 to 104°F (0 to 40°C)
Storage Temp.	-4 to 158°F (-20 to 70°C)
Operating Humidity	10 to 85% Noncondensing
Storage Humidity	5 to 90% Noncondensing

Package Contents

- Wireless-G ADSL2+ Gateway
- Setup CD-ROM with Linksys EasyLink Advisor (LELA)
- User Guide on CD-ROM
- Power Adapter
- Network Cable
- Microfilter (UK only)
- Telephone Cable (Annex A only)
- Trend Micro Internet Security 30-day free trial

Minimum Requirements

- Computer with a network adapter and the TCP/IP protocol installed
- Activated ADSL line and account information
- CD-ROM Drive
- For Setup Wizard: Windows (Vista, XP, 2000 SP4) or Mac OS X (v10.4.9 or higher) with all updates applied and CD-ROM drive
- Internet Explorer 6.0, Firefox 2.0, or Safari 3.0 or higher for web-based configuration (Advanced users only)

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.

Check the product package and contents for specific features supported. Specifications are subject to change without notice.



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Model: **WAG54G2**