LINKSYS® by Cisco

CISCO™

Surf, work, or play without running wires

The Linksys Wireless-G Broadband Router is really three devices in one box. First, there's the Wireless Access Point, which lets you connect both screaming fast Wireless-G (802.11g at 54Mbps) and Wireless-B (802.11b at 11Mbps) devices to the network. There's also a built-in 4-port full-duplex 10/100 Switch to connect your wired-Ethernet devices together. Connect four PCs directly, or attach more hubs and switches to create as big a network as you need. Finally, the Router function ties it all together and lets your whole network share a high-speed cable or DSL Internet connection.

Once your computers are connected to the Router 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 Router 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 Router 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 Broadband Router at the center of your home or office network, you can share a high-speed Internet connection, files, printers, and multi-player games with flexibility, speed, security and simplicity!

DATASHEET

#1 choice for wireless networking worldwide

Connect multiple computers to your broadband Internet

Safe and secure wireless and Internet connections

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

Wireless-G Broadband Router

Model: **WRT54G2**

Features

- All-in-one Internet-sharing Router, 4-port Switch, and Wireless-G (802.11g) Access Point

- Shares a single Internet connection and other resources with Ethernet wired and Wireless-G and -B devices

- Push button setup feature makes wireless configuration secure and simple

- High security: Wi-Fi Protected Access™ 2 (WPA2), wireless MAC address filtering, powerful SPI firewall

Specifications

Model	WRT54G2
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.11g, IEEE 802.11b
Ports	Internet, Ethernet (1-4), Power
Buttons	Reset, Wi-Fi Protected Setup
LEDs	Power, Internet, Ethernet (1-4), Wireless, Wi-Fi Protected Setup
Cabling Type	CAT5
Number of Antennas	2 Internal Antennas
Detachable (y/n)	No
RF Power (EIRP) in dBm	18 dBm
UPnP able/cert	Able
Security Features	Stateful Packet Inspection (SPI) Firewall, Internet Policy
Wireless Security	Wi-Fi Protected Access 2 (WPA2), WEP, Wireless MAC Filtering
Security Key Bits	128 Bits

Environmental

Dimensions	7.99" x 1.38" x 6.3" (203 x 35 x 160 mm)
Weight	9.88 oz (0.28 kg)
Power	External, 12V DC, 0.5A
Certification	FCC, UL, ICES-003, RSS210, CE, Wi-Fi® (802.11b, 802.11g), WPA2, WMM®, Wi-Fi Protected Setup
Operating Temp.	32 to 104°F (0 to 40°C)
Storage Temp.	-4 to 140°F (-20 to 60°C)
Operating Humidity	10 to 85%, Noncondensing
Storage Humidity	5 to 90%, Noncondensing

Package Contents

- Wireless-G Broadband Router
- Setup Software and User Guide on CD-ROM
- Quick Installation Guide
- Network Cable
- Power Adapter

Minimum Requirements

- Internet Explorer 6, Firefox 2, or Safari 3 or Higher for Browser-based Configuration
- CD-ROM Drive
- LELA Software and Setup Wizard Require Windows XP, Vista, or Vista 64-Bit Edition with Latest Updates
- Setup Wizard Also Runs under Mac OS X 10.4 or Higher
- Wired or Wireless Network Adapter

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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