

LINKSYS®

A Division of Cisco Systems, Inc.

The Wireless-G Networking Solution with SpeedBooster



Wireless-G Broadband Router with SpeedBooster

Model No: **WRT54GS**

PRODUCT DATA

All-in-one Internet-sharing Router, 4-port Switch, and SpeedBooster performance enhanced Wireless-G Access Point

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



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Features

- Complies with 802.11g and 802.11b (2.4GHz) Standards
- SpeedBooster technology increases wireless performance.
- Unsurpassed Wireless Security with Wi-Fi Protected Access™ 2 (WPA2)
- Enhanced Internet Security Management Functions including Internet Access Policies with Time Schedules
- All LAN Ports Support Auto-Crossover (MDI/MDI-X) - No Need for Crossover Cables
- SecureEasySetup push button makes it easy to configure your wireless devices

Wireless-G Broadband Router with SpeedBooster

The Wireless-G Broadband Router with SpeedBooster is really three devices in one box. First, there's the Wireless Access Point, which lets you connect Wireless-G, Wireless-B, and other performance-enhanced SpeedBooster devices to the network. There's also a built-in 4-port full-duplex 10/100 Switch to connect your wired-Ethernet devices together. Finally, the Router function ties it all together and lets your whole network share a high-speed cable or DSL Internet connection.

The Wireless-G Broadband Router with SpeedBooster incorporates the next generation of Wireless-G (802.11g) networking. SpeedBooster technology is a compatible add-on to standard Wireless-G, which increases "real-world" wireless network performance. Unlike other speed-enhancing technologies, SpeedBooster is fully 802.11 compliant, and a "good neighbor" to other wireless devices and technologies, using a single 2.4GHz channel as specified by the official wireless standard. And, unlike other technologies, with SpeedBooster you'll see an overall speed improvement even when running a mixed network of SpeedBooster and regular Wireless-G devices.

The new push button setup feature makes it easy to configure your wireless devices. Just push the button on the router and on your other SecureEasySetup-enabled wireless device to automatically create an encryption-secured wireless connection. Wi-Fi Protected Access™2 (WPA2) protects your data and privacy with up to 128-bit industrial-strength encryption and 802.1x authentication and authorization. The Router can serve as a DHCP Server, 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-G Broadband Router with SpeedBooster at the center of your home or office network, you can share a high-speed Internet connection, files, printers, and multi-player games with the flexibility, speed, security and simplicity!

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Wireless-G Broadband Router with SpeedBooster

Specifications

Model Number	WRT54GS
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.11g, IEEE 802.11b
Channels	11 Channels (US, Canada) 13 Channels (Europe and Japan)
Ports/Buttons	Internet: One 10/100 RJ-45 Port LAN: Four 10/100 RJ-45 Switched Ports One Power Port One Reset Button One SES Button
Cabling Type	CAT 5
LEDs	Power, DMZ, WLAN, LAN (1, 2, 3, 4), Internet
RF Power Output	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

Environmental

Dimensions	7.32" x 1.89" x 6.06" (186 mm x 48 mm x 154 mm)
Weight	13.58 oz (385 g)
Power	External, 12V DC, 0.5A
Certifications	FCC, IC-03, CE, Wi-Fi (802.11b, 802.11g), WPA2, WMM
Operating Temp.	32°F to 104°F (0°C to 40°C)
Storage Temp.	-4°F to 158°F (-20°C to 70°C)
Operating Humidity	10~85% Non-condensing
Storage Humidity	5~90% Non-condensing
Warranty	1-Year Limited

Package Contents

- Wireless-G Broadband Router with SpeedBooster
- Setup CD-ROM with Norton Internet Security
- User Guide on CD-ROM
- Power Adapter
- Ethernet Network Cable

Minimum Requirements

- Internet Explorer 6.0 or Firefox 1.0 or Higher for Web-based configuration
- CD-ROM Drive
- Windows 2000, XP, or Vista
- Network Adapter or Wireless Network Adapter

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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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