

Surf, work, or play without running wires

The Internet is yours, all around your home. Enjoy surfing, searching, communicating, and playing, wherever you want. The Wireless-G Home Router with SpeedBurst is great for sharing an Internet connection and connecting all of your computers to each other – without running wires.

The Freedom of Wireless

Wireless-G technology creates a fast wireless connection for several computers at once. This easy-to-set-up wireless network lets you access your broadband Internet connection to surf the Web and send email – or connect between computers to share music, photos and other files, or print to your printer. All without wires, from all around your home.

Device Connectivity

Keep your digital photos or music in one place; share them from any computer on your network. Four built-in 10/100 Ethernet ports make it easy to connect additional wired computers, storage devices, printers, and other wired devices to your network so you can access them from your wireless-enabled computers.

Security Made Simple

Wireless security and firewall protection designed to help safeguard your home network and computers from most Internet attacks.

DATASHEET

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

Advanced security features help protect your data and privacy

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



Wireless-G Home Router with SpeedBurst

Model: WRT54GH

Features

- All-in-one Internet-sharing Router, 4-port Switch, and Wireless-G (802.11g) Access Point
- Complies with 802.11g and 802.11b (2.4GHz) Standards
- Shares a single Internet connection and other resources with thernet wired and Wireless-G and -B devices
- All LAN Ports Support Auto-Crossover (MDI/MDI-X) - No Need for Crossover Cables
- High security: Wi-Fi Protected Access (WPA2), wireless MAC address filtering, powerful SPI firewall



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Specifications

Model	WRT54GH
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.11g, IEEE 802.11b
Ports	Power, Internet, Ethernet (1-4)
Buttons	Power, Reset
LEDs	Power, Internet, Wireless, Ethernet (1-4)
Modulations	802.11b: CCK, QPSK, BPSK 802.11g: OFDM
RF Pwr (EIRP) in dBm (US and Canada)	802.11g: 14 ± 1.5 dBm @ Normal Temp (Typical) 802.11b: 17.5 ± 1.5 dBm @ Normal Temp (Typical)
Receive Sensitivity	1Mbps: -93dBm @ 8% PER (Typical) 11Mbps: -82dBm @ 8% PER (Typical) 54Mbps: -68dBm @ 10% PER (Typical)
# of Antennas	One Internal PIFA Antenna
Antenna Gain in dBi	PIFA ≤ 3dBi
UPnP	Supported
Security features	WEP (64 and 128), WPA-Personal, WPA2-Personal
Security key bits	Up to 128-bit encryption

Environmental

Dimensions	4.33" x 1.26" x 4.33" (110 x 32 x 110 mm)
Weight	6.0 oz (170 g)
Power	12V, 0.5A
Certifications	FCC, IC, CE, Wi-Fi b/g
Operating Temp.	32 to 104°F (0 to 40°C)
Storage Temp.	-4 to 140°F (-20 to 60°C)
Operating Humidity	10 to 80% Noncondensing
Storage Humidity	5 to 90% Noncondensing

Package Contents

- Wireless-G Home Router with SpeedBurst
- Setup software and User Guide on CD-ROM
- Ethernet network cable
- Power adapter

Minimum Requirements

- Internet Explorer 6, Safari 3, or Firefox 2 or higher for browser-based configuration
- CD or CD/DVD drive
- Network Magic Basic software and Setup Wizard require up-to-date Windows XP, Vista, or Vista 64-bit Edition
- Setup Wizard also runs under Mac OS X 10.4 or higher

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.

Specifications are subject to change without notice.

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