

All-In-One Wireless-G Networking and Internet telephony!



The Linksys Wireless-G Broadband Router is really four 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 3-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. The Router function lets your whole network share a high-speed cable or DSL Internet connection.

The fourth function is the phone adapter which enables high-quality feature-rich telephone service through your high-speed connection even while you're surfing the Internet. There are two standard telephone jacks, each operating independently -- like having two phone lines. With an appropriate Internet telephone service provider, you'll get low domestic and international phone rates, Caller ID, Call Waiting, Voicemail, Call Forwarding, Distinctive Ring, and lots of other available special phone features. Choose any free local dialing US area code, regardless of where you live. Add a virtual phone number in any area code, or even a US-wide toll-free number.

To protect your data and privacy, the Wireless-G Broadband Router can encode all wireless transmissions with up to 256-bit encryption, and supports both Wired Equivalent Privacy (WEP) and the industrial-strength wireless security of Wi-Fi Protected Access™ (WPA). 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. Configuration is a snap with the web browser-based configuration utility.

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, and turn that Internet connection into a high-quality, high-value telephone service!

All-in-one Internet-sharing Router, 3-port Switch, and 54Mbps Wireless-G (802.11g) Access Point

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

Two standard phone jacks enable feature-rich telephone service over your cable or DSL Internet connection

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

Wireless-G Broadband Router with 2 Phone Ports

Product Data



Wireless-G

Broadband Router with 2 Phone Ports

Features

- Wireless connection with 802.11g or 802.11b standards
- Three 10/100 BaseT Ethernet switch ports to share Internet Connection
- Two RJ11 voice ports for analog phones or fax machines with two independent telephone numbers
- Support QoS (Quality of Service) to ensure best quality voice
- Advanced Security Management Function for Port Filtering, MAC Address Filtering, and DMZ Hosting
- Web Based configuration through a build-in web server
- Supports auto-provisioning with remote firmware upgrade
- Supports Universal Plug-and Play for Easy Configuration

Voice Features

- Supports Session Initiation Protocol (SIP v2)
- Supports DTMF tone detection and generation
- Supports FSK Caller ID, DTMF Caller ID and FSK VMWI
- Supports Echo Cancellation and Voice Activity Detection (VAD)
- Supports FAX Tone Detection Pass-Through
- Supports multiple voice compression G.711, G.726, G.729, G.723.1

Specifications

Model Number	WRT54GP2
Standards	IEEE 802.3, IEEE 802.3u, 802.11b, 802.11g
Channels	11 Channels (US, Canada)
Transmit Power	18dBm
Ports	One 10/100 RJ-45 Internet Port, Three 10/100 RJ-45 Network Ports, Two Standard Phone Ports, One Power Port
Buttons	One Reset Button
Cabling Type	RJ45 Ethernet Category 5, RJ11 Standard Phone cable
LEDs	Power, WLAN (Wireless G), Ethernet (1-3), Phone (1-2), Internet
Network Protocols	TCP/IP
Voice Protocols	Session Initiation Protocol Version 2 (RFC 3261, 3262, 3263, 3264)
Voice Codecs	G.711 a-law, G.711 μ -Law, G.726, G.729 A, G.723.1
Ringer equivalence number (REN)	5 REN per RJ11 port
Ring Frequency	10 Hz- 40Hz
FXS Port Impedance	Eight Configurable Setting Including North America 600 ohms, European CTR21
Ring Voltage	60 - 90 Vrms Configurable
Security Features	NAT Firewall
Wireless Security Features	WPA, WEP, TKIP, RADIUS, Wireless MAC Filtering
UPnP able/cert	Certified

Environmental

Dimensions	7.32" x 1.89" x 7.87" (186 mm x 48 mm x 200 mm)
Unit Weight	13.30 oz. (0.38 kg)
Power	External, 12V DC, 1.0A
Certifications	FCC, CE, cUL
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% to 85% Non-Condensing
Storage Humidity	5% to 90% Non-Condensing
Warranty	1-Year Limited

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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 Web Site at www.linksys.com.

Minimum Requirements

- Celeron 300 MHz or Faster PC
- 128 MB of RAM
- High-speed internet connection (cable/DSL/other)
- Activated Voice Over IP Service
- Regular analog touch-tone telephone or FAX machine for Voice Service
- Ethernet or Wireless Network Adapter
- CD-ROM Drive
- Internet Explorer 5.0 or Netscape 6

Package Contents

- Wireless-G Broadband Router with 2 Phone Ports
- Power Adapter
- Setup Wizard CD-ROM with Norton Internet Security and User Guide
- Network Cable
- Quick Installation
- Registration Card

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