

Instant Wireless® Series

Wireless-G Broadband Router



Wireless-G Broadband Router
Model No.: WRT54G

The Future-Proof, All-in-One, Wireless-G Networking Solution

Wireless-G is the upcoming 54Mbps wireless networking standard

What's almost five times faster than the widely deployed Wireless-B (802.11b) products found in homes, businesses, and public wireless hotspots around the country—but since they share the same 2.4GHz radio band, Wireless-G devices can also interoperate with existing 11Mbps Wireless-B equipment.

Since both standards are built in, you can protect your investment in existing 802.11b infrastructure, and migrate to the new screaming fast Wireless-G standard as your needs grow.

The Linksys Wireless-G Broadband Router is really three devices in one box. First, there's the Wireless Access Point, which lets you connect Wireless-G or Wireless-B devices to the network. There's also a built-in 4-port full-duplex 10/100 Switch to connect your wired-Ethernet devices. Connect four PCs directly, or daisy-chain out to 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.

To protect your data and privacy, the Wireless-G Broadband Router can encrypt all wireless transmissions. The Router can serve as a DHCP Server, has NAT technology to protect against Internet intruders, 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 with the flexibility, speed, and security you need!

Benefits

- All-in-one Internet-sharing Router, 4-port Switch, and Wireless-G (draft 802.11g) Access Point
- Wireless data rates up to 54Mbps—5 times faster than Wireless-B (802.11b)
- Shares a single Internet connection and other resources with Ethernet wired and Wireless-G clients
- Also interoperates with Wireless-B devices (at 11Mbps)
- Advanced wireless security with 128-bit WEP encryption, MAC or IP address filtering

Features

- **Compatibility with Draft 802.11g and 802.11b (2.4GHz) Standards**
- **Setup Wizard for Easy Installation**
- **Wireless Security with up to 128-bit WEP Encryption**
- **Enhanced Internet Security Management Functions: Internet Access Policies with Time Schedules, Website Blocking, IP and MAC Address Filtering; Port Filtering; Wireless MAC Address Filtering; Stateful Packet Inspection (SPI) Firewall; and NAT Technology**
- **Access Your Corporate Network Remotely through Virtual Private Networking (VPN)—Supports IPsec and PPTP Pass-Through**
- **Supports Dynamic Domain Name System (DDNS) Service, Static and Dynamic Routing (RIP1 and 2), DMZ Hosting**
- **Web-based Utility for Easy Configuration from Any Web Browser**
- **DHCP Server Capability to Assign IP Addresses Automatically**
- **All Ethernet Ports Support Auto-Crossover (MDI/MDI-X)—No Need for Crossover Cables**

Specifications

Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.11b, IEEE draft 802.11g
Channels	11 Channels (USA, Canada) 13 Channels (Europe) 14 Channels (Japan)
Ports	
Internet	One 10/100 RJ-45 Port for Cable/DSL Modem
LAN	Four 10/100 RJ-45 Switched Ports One Power Port
Cabling Type	Category 5 Ethernet Network Cabling or better
Data Rate	Up to 54Mbps (Wireless), 10/100Mbps (Ethernet)
LEDs	Power, DMZ, Diag
WLAN	Act, Link
LAN	Link/Act, Full/Col, 100
Internet	Link/Act, Full/Col, 100
Transmit Power	15 dBm
Modulation	
802.11b	CCK, DQPSK, DBPSK
draft 802.11g	OFDM
Network Protocols	TCP/IP, IPX/SPX, NetBEUI

Environmental

Dimensions	7.32" x 6.89" x 1.89" (186 mm x 175 mm x 48 mm)
Unit Weight	17 oz. (0.482 kg)
Certifications	FCC Class B
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

Package Contents

Wireless-G Broadband Router

- Wireless-G Broadband Router
- Power Adapter
- Setup CD-ROM with User Guide
- Ethernet Network Cable
- Quick Installation guide
- Registration Card

Minimum Requirements

One PC (200MHz or Faster Processor) with:

- **64MB RAM**
 - Internet Explorer 4.0 or Netscape Navigator 4.7 or Higher for Web-based Configuration
 - **CD-ROM Drive**
 - Microsoft Windows 98, Me, 2000, or XP
 - Wireless-G or 802.11b Wireless Adapter with TCP/IP Protocol Installed
- or
- Network Adapter with Category 5 Ethernet Network Cable and TCP/IP Protocol Installed**

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