



**Advanced Speed and Range**

- Better wireless speeds and range to surf and email
- Simple and secure way to share your high-speed Internet connection
- Easy set-up with Smart Wizard® installation CD
- Maximum performance requires use of Super-G wireless adapters

**Features**



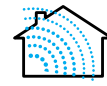


- Internet sharing broadband router and 4-port switch
- 2x the speed and 4x times the coverage of a Wireless-G router†
- Configurable for private networks and public hotspots
- Double Firewall protection from external hackers attacks
- Touchless WiFi Security makes securing your network easy

**SPEED**  
**2x**


**COVERAGE**  
**4x**

Maximum performance compared to Wireless-G, when used with related wireless routers.

Choose from a complete line of NETGEAR products that are designed to meet your needs.

Which is the Best Product for You?	 Wireless-G	 Super-G™	 RangeMax™	 RangeMax™ Next Wireless-N	 RangeMax™ Next Wireless-N Gigabit Edition
Speed <sup>†</sup>	1x	2x	10x	15x	15x
Coverage <sup>†</sup>	1x	4x	10x	10x	10x
Surfing the Internet	✓	✓	✓	✓	✓
Email and online chat	✓	✓	✓	✓	✓
Public hotspot compatible	✓	✓	✓	✓	✓
Streaming music	✓	✓	✓	✓	✓
Multiple PCs wirelessly connecting to the Internet	✓	✓	✓	✓	✓
Internet phone calls (VoIP)		✓	✓	✓	✓
Heavy Internet usage		✓	✓	✓	✓
Larger homes and multiple rooms			✓	✓	✓
Multimedia/video streaming			✓	✓	✓
Multiplayer gaming			✓	✓	✓
Simultaneous downloads, voice, music, VoIP streaming				✓	✓
Networked entertainment and streaming HD video				✓	✓
Networked or shared storage/ large file sharing				✓	✓
<b>Gigabit Ethernet</b> Maximum wireless-to-wired network speeds					✓
Greater than 150 Mbps <sup>‡</sup> throughput from a PC or HD media server					✓

Maximum performance requires use with Super-G Wireless Adapters



Super-G Wireless PC Card (WG511T)



Super-G Wireless PCI Adapter (WG311T)



Super-G Wireless USB 2.0 Adapter (WG111T)



<sup>†</sup>Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards.

NETGEAR's Super-G Wireless Router (WGT624) delivers network performance with up to twice the speed and four times the coverage of standard 802.11g connections. With the WGT624, you get better wireless speed and range to surf, email and send large files across the network. The WGT624 features double firewall protection to help shield the network from intrusions with two security methods. Setup is fast and easy with NETGEAR's Smart Wizard installation CD.

The WGT624 Super-G Wireless Router is optimized for use with NETGEAR's Super-G Wireless PC Card (WG511T), PCI Adapter (WG311T) and USB 2.0 Adapter (WG111T) and is backward compatible with 802.11 b wireless devices.

### System Requirements

- Broadband (cable or DSL) Internet Service and modem with Ethernet connection
- 2.4 GHz wireless adapter or Ethernet adapter and cable for each computer
- Microsoft® Windows® Vista™ XP, 2000, NT, Me, 98, 95 and other operating systems running a TCP/IP network
- Microsoft® Internet Explorer™ 5.0 or higher, Netscape® 4.7 or higher, Firefox 1.0 or higher and Safari

### Physical Specifications

- Dimensions: 28 x 175 x 188 mm (1.1 x 6.9 x 4.7 in.)
- Weight: 0.3 kg (0.7 lb)

### Environmental Specifications:

- Operating Temperature: 0° to 40°C (32 to 104° F)
- Storage Temperature: 20° to 70°C (-4 to 158° F)
- Operating Relative Humidity: 90% noncondensing

### Routing Protocols

- Static & Dynamic Routing with TCP/IP, VPN pass-through (IPSec, L2TP), NAT, PPTP, PPPoE, DHCP (client & server)

### Application Support

- Works with most Internet gaming and instant messaging applications and applications that support Universal Plug and Play (UPnP) for automatic Internet access

### Functions

- Automatically detects your ISP, Exposed Host (DMZ), MAC address authentication, time-based usage controls, "Trusted User" controls, URL content filtering, logs and e-mail alerts of Internet activity, Wireless Access Control, Wi-Fi Protected access (WPA) Pre-shared Key remote management

### Interface

- Internet/WAN: 10/100 Mbps (auto-sensing) Ethernet, RJ-45
- LAN: 4 ports 10/100 Mbps (auto-sensing) Ethernet, RJ-45
- Wireless:
  - Network Speeds: 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, & 54 Mbps (auto-rate capable) 108 Mbps (Static and Dynamic)
  - Modulation Type: OFDM with BPSK, QPSK, 16QAM, 64QAM, DBPSK, DQPSK, CCK
  - Frequency Band: 2.4GHz
  - Standards Capability: 802.11g and 802.11b
  - Antenna: 2 dBi attached

### Lighted Status Icons

- Power, Test, Internet, Wireless, and LAN (connection, activity, and speed)

### Firewall:

- Stateful Packet Inspection (SPI), Network Address Translation (NAT), DoS Attack Detection/Logging, Dropped Packet Log, Security Event Log, E-mail Log, multiple VPN Tunnels (Pass-Through, 2 IPSec, and multiple L2TP & PPT

### Security:

- 40-bit (also called 64-bit), 128-bit, Wired Equivalent Privacy (WEP) encryption
- WPA PSK (Wi-Fi Protected Access Pre-shared Key)

### Power Adapter

- 12 VDC, 1 A; plug is localized to country of sale

### Warranty

- NETGEAR 1-year warranty

### Package Contents

- Super-G Wireless Router (WGT624)
- Setup CD
- Power Adapter
- Ethernet Cable
- Vertical Stand
- Setup Guide
- Warranty/Support Information Card



# NETGEAR®

4500 Great America Parkway  
Santa Clara, CA 95054 USA  
1-888-NETGEAR (638-4327)  
E-mail: info@NETGEAR.com  
www.NETGEAR.com

© 2007 NETGEAR, Inc. NETGEAR, the NETGEAR logo, Connect with Innovation, Everybody's connecting, the Gear Guy logo, IntelliFi, ProSafe, RangeMax and Smart Wizard are trademarks or registered trademarks of NETGEAR, Inc. in the United States and/or other countries. Microsoft, Windows, and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. Other brand and product names are trademarks or registered trademarks of their respective holders. Information is subject to change without notice. All rights reserved.

\*Free basic installation support provided for 90 days from date of purchase. Advanced product features and configurations are not included in free basic installation support; optional premium support available.

\*\*Actual performance may vary due to operating conditions

D-WGT624-0