

Wireless-G High Speed Router - WHR-G125

The Buffalo Wireless-G High Speed Router combines the 125* High Speed Mode wireless performance with Buffalo's AirStation One-Touch Secure System™ (AOSS™). Combined with Wireless-G 125* High-Speed devices, WHR-G125 increases the speed of standard 802.11g client devices by up to 35%. This Smart Router automatically detects and configures your Cable or DSL internet connection. The combination of push-button wireless, easy Internet setup and great value make the WHR-G125 the perfect choice for your network.



Features and Benefits

Wireless

- 802.11g Wireless 125* High Speed Mode™
- Great for High Speed Wireless File Transfers
- Automatic Channel Selection Chooses the Best Wireless Channel
- Supports WDS to Increase Coverage with Optional Repeaters
- External Switch to Change Between Router and Access Point Modes

Wireless Security

- Easy Setup with AirStation One-Touch Secure System (AOSS)
- Supports WPA2, WPA (TKIP, AES), and 128/64-bit WEP Security
- Compatible with Wi-Fi Protected Setup™

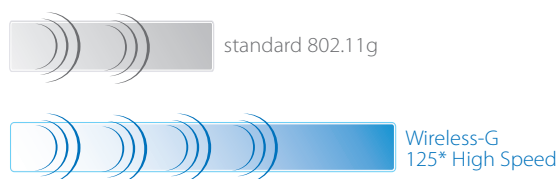
Router/Firewall

- Simple Web Browser Configuration
- Smart Router Feature Automatically Detects and Sets up your Cable or DSL Connection
- NAT/SPI Firewall with Intrusion Detector
- 4-port 10/100 Auto-Sensing Switch
- Built-in DHCP Server
- Optimised High Speed Routing, up to 4x Faster than Standard Routers
- Support for WMM

Special Features

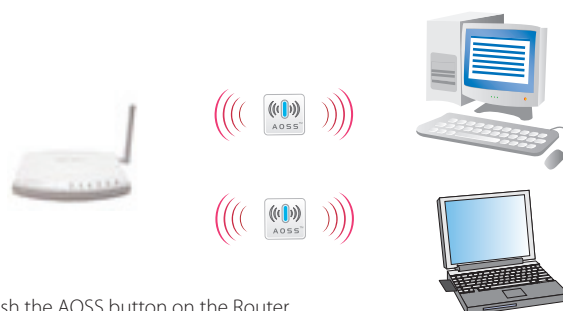
- Supports Intel® Hub Connect Technology
- Works Seamlessly with Nintendo® DS™ Wi-Fi Connection

Enhanced Performance at a Great Value



up to **3x the Speed** of standard 802.11g when used with Wireless-G 125* High Speed devices!

Easy and Secure Wireless Setup with AOSS



- Push the AOSS button on the Router
- Click on the AOSS icon in the Client Manager
- DONE! A secure wireless connection is automatically established

WHR-G125

Specifications



Wireless LAN Interface

Standard Compliance	IEEE 802.11b / IEEE 802.11g
Frequency Range (MHz)	2,412 – 2,472
Access Mode	Infrastructure mode, WDS
Antenna	1 (external)
Wireless Security	WPA2-PSK (AES, TKIP), 128/64-bit WEP, MAC Address Registration, Wi-Fi Protected Setup™
Transmission Rates (Mbps)	802.11g 125* High Speed Mode™: 13, 20, 27, 40, 54, 80, 110, 125 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 802.11b: 1, 2, 5.5, 11

Wired LAN Interface

Standard Compliance	IEEE802.3u (100 Base-TX) IEEE802.3 (10 Base-T)
Data Transfer Rates	10/100 Mbps
Connector Type	RJ-45
Number of Ports	4

WAN Interface

Standard Compliance	IEEE802.3u (100 Base-TX) IEEE802.3 (10 Base-T)
Data Transfer Rates	10/100 Mbps
Speed and Flow Control	Auto Sensing, Auto MDIX, High-Speed Routing to Support FTTH
Connector Type	RJ-45
Number of Ports	1
WAN Port Security	Dynamic Packet Filtering, Intrusion Detector, NAT/SPI Firewall

Others

Dimensions	152 x 28 x 155 mm
Weight	204 g
Operating Environment	0-40 °C
Power Supply	external, AC100-240V 50/60 Hz
Setup Utility OS Support	Windows® Vista™, Windows® XP, Windows® 2000, Windows® 98, Windows® Me

* When operating in High-Speed Mode, this Wi-Fi device achieves an actual throughput of up to 34.1 Mbps, which is the equivalent throughput of a system following 802.11g protocol and operating at a signaling rate of 125 Mbps. Actual data throughput and range will vary depending upon network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead.

About Buffalo

www.buffalo-technology.com

Buffalo Technology UK Ltd. is a leading global provider of award-winning networking, memory, storage and multimedia solutions for the home and small business environments as well as for system builders and integrators. With almost three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative solutions that have put the company at the forefront of infrastructure technology.