



MIMO Wireless Turbo G Router

Model
502207

Use the Latest Technology to Increase the Range and Improve the Performance of Your Wireless Network.

The **MIMO Wireless Turbo G Router** is a fully featured, cost-effective IP sharing router that enables multiple users to share the Internet through an ADSL or cable modem. Simply configure your Internet connection settings, plug your PC into one of the four built-in LAN ports, and begin sharing files and accessing the Internet. As your network grows, you can connect additional equipment to the remaining LAN ports, allowing you to easily expand your network.

Improved Connectivity

The **MIMO Wireless Turbo G Router** utilizes MIMO (Multi-In, Multi-Out) antenna technology to optimize the range and connectivity of your wireless network. Two 5 dBi antennas are used for signal reception, and a third one is used for high-power signal transmission, effectively eliminating dead spots and automatically adjusting for interference such as cordless phone users, etc. The **MIMO Wireless Turbo G Router** is compatible with 802.11b and 802.11g wireless cards and adapters, and when used with other INTELLINET NETWORK SOLUTIONS MIMO Wireless products can increase the range of your network connections 10 times the distance of standard wireless G products.*

Increased Throughput

This router is capable of utilizing the Turbo Mode feature to provide higher data throughput than the IEEE 802.11g standard. Turbo G Mode is turned on automatically when connecting users with the MIMO Wireless Turbo G PC Card or the MIMO Wireless Turbo G PCI Card, and can increase the actual throughput for your wireless network users from 20 Mbps to 35 Mbps.**

Quality of Service (QoS)

QoS allows you to control the amount of bandwidth available to a certain IP address, IP address range and TCP/IP port range. Using QoS, you can guarantee a specific amount of bandwidth for mission-critical applications (such as VoIP) and limit the maximum bandwidth usage of other applications. QoS allows you to manage the available Internet bandwidth by prioritizing the applications that use it.

Wireless Network Security

The built-in firewall includes many features to ensure that the security of your network is not compromised through the wireless access point. You can restrict users from accessing certain Internet applications, you can block access to Web sites and you can also block common hacker attacks using the Intrusion Detection feature. The router also provides advanced security encryption and decryption using industry-standard techniques such as WEP, IEEE 802.11x, IEEE 802.11x with WEP, WPA with pre-shared key and WPA with RADIUS, further ensuring that your data is secure as it is sent through the wireless network.

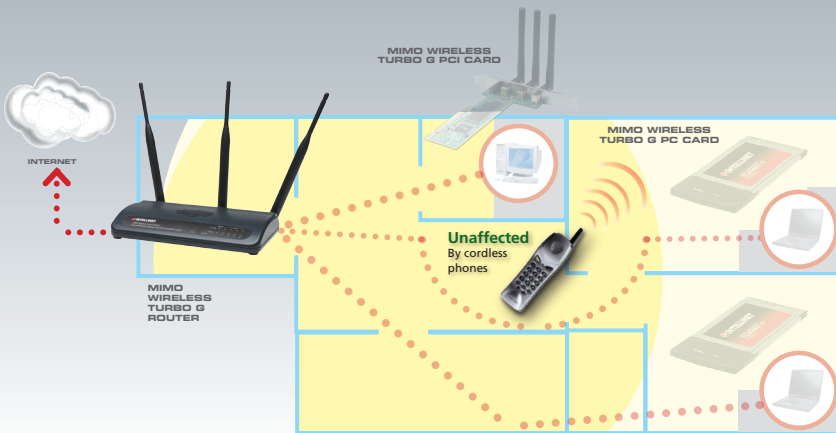
Lifetime Warranty

Strict manufacturing standards ensure the highest quality in all INTELLINET NETWORK SOLUTIONS products. All items carry a full Lifetime Warranty – the strongest quality commitment anyone can make.

*Environmental factors may adversely affect wireless signal range.

**Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead lower the actual data throughput rate.





LIFETIME WARRANTY

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Features

- Shares one Internet connection with multiple wireless or wired clients
- MIMO XR™ technology for enhanced wireless coverage
- Packet-OVERDRIVE™ Turbo Mode technology for enhanced wireless throughput
- Turbo Mode technology for enhanced wireless throughput
- Two 5 dBi antennas for signal reception
- One 5 dBi antenna for high-power signal transmission
- 54 Mbps network data transfer rate
- NAT/NAPT IP Sharing
- Anti-DoS Firewall
- Virtual Server/DMZ
- IEEE 802.11g MIMO Access Point
- Supports 64/128 Bit Key Length WEP Encryption
- Supports WPA-PSK, WPA-RADIUS, WPA2 Security
- Supports Special Applications (Port Triggers)
- Supports DDNS (DynDNS, TZO)
- VPN Pass Through (IPSec/PPTP)
- Obtain WAN IP by PPPoE/Static IP/PPTP/DHCP
- DHCP Server
- Web User Interface (Remote Configuration)
- System Status
- Security Log
- Firmware Upgradeable

Specifications

GENERAL

- Standards: IEEE 802.11b, IEEE 802.11g, 2.4 GHz, IEEE 802.11e WMM and Quality of Service (QoS)
- CPU: RDC 3210
- Switch: Realtek RTL8305SC (5 port switch)
- RF: Ralink RT2661
- Flash: 2 MB NOR Flash
- RAM: 16 MB SDRAM
- Data Rate: 54/48/36/24/18/12/11/9/6/5.5/2/1 Mbps auto fallback
- Security: 64/128-bit WEP Data Encryption, WPA (TKIP with IEEE 802.1x) and WPA2 (AES with IEEE 802.1x)
- WAN Port: One 10/100 Mbps RJ-45 connector
- LAN Ports: Four 10/100 Mbps RJ-45 connectors
- Antenna: Three RP-SMA detachable antennas
- Transmit Power: 18 dBm ± 2 dBm
- Power: 12V DC, 1 A Linear Power Adaptor
- Certification: FCC Class B, CE Mark, C-Tick

PHYSICAL SPECIFICATIONS

- Dimensions: 1.18 H x 7.36 W x 3.93 D in. (30 x 187 x 100 mm)
- Weight: .34 kg (12.1 oz.)
- Temperature: 0 ~ 55° C (32 ~ 131°F)
- Humidity: 0 ~ 90% (Non-Condensing)

SYSTEM REQUIREMENTS

- Broadband (cable, DSL) Internet service and modem with Ethernet connection
- 2.4 GHz 802.11b/g wireless adapter (or an Ethernet adapter and cable for each computer)
- PC with a Web-Browser (Internet Explorer 4.0 or higher or Netscape Navigator 4.7 or higher)
- Compatible with all 802.11g/b compliant wireless products
- Enhanced performance available when used with INTELLINET NETWORK SOLUTIONS MIMO Wireless Turbo G PCI and PC Cards

PACKAGE CONTENTS

- MIMO Wireless Turbo G Router
- Three antennas
- Quick Installation Guide
- Setup CD and User Manual
- External Power Adaptor



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