

U.S. Robotics 802.11g Wireless Turbo Portfolio with 100 Mbps Accelerator Technology

802.11g Wireless Turbo Router – Model 8054, Multi-Function Access Point –
Model 5450, PCI Adapter – Model 5416, PC Card – Model 5410

Faster speed, greater compatibility, better security

Q. How is the performance of U.S. Robotics 802.11g Wireless Turbo networking products superior to other wireless networking products?

A. Only NEW U.S. Robotics 802.11g Wireless Turbo products offer the Accelerator advantage: 54 Mbps accelerated to 100 Mbps performance!* Our exclusive Accelerator Technology offers performance and data throughput rates equivalent to 100 Mbps but with greater product compatibility, better security, and benchmark reliability that's available only from U.S. Robotics.

Q. What is the difference between data throughput rate and data rate?

A. Data throughput rate is the actual "amount" of data transmitted and received by your U.S. Robotics 802.11g Wireless Turbo product, while the data rate represents a theoretical maximum. This means that U.S. Robotics 802.11g Wireless Turbo products with exclusive 100 Mbps Accelerator Technology are capable of achieving actual data throughput rates that are comparable to 100 Mbps*.

Q. Will U.S. Robotics 802.11g Wireless Turbo networking products work with other 802.11g and 802.11b wireless standard products?

A. U.S. Robotics 802.11g Wireless Turbo networking products are designed to be fully compatible with all 802.11g 54 Mbps, 802.11b+ 22 Mbps, and 802.11b 11 Mbps wireless standard products at the fastest speed possible. Greater wireless standard compatibility ensures that each wireless device on the network connects independently at that device's fastest speed possible – unlike competitive products, there's no slowdown in overall network performance from slower devices. So, even if you have a mix of 802.11g, 802.11b+, and 802.11b wireless products, you can easily include U.S. Robotics 802.11g Wireless Turbo products into your network – U.S. Robotics has your future covered.

Q. How secure is my network when using U.S. Robotics 802.11g Wireless Turbo networking products?

A. Because security is a critical concern in any network, U.S. Robotics 802.11g Wireless Turbo products are designed to be up to 10 times more secure than standard wireless networking products. This high level of integrated security includes a number of features to make wireless networking safe and reliable. Built-in 256-bit Wired Equivalent Privacy (WEP) encryption and 802.1x MAC address authentication provide for a highly secure, yet easily maintained wireless network. Additionally, all U.S. Robotics 802.11g Wireless Turbo products will also support Wi-Fi Protected Access (WPA) encryption once the 802.11i security standard is ratified for even greater security of Wireless Local Area Networks (WLANs). Users can work wirelessly with the confidence of knowing they have the highest level of security protecting their network data and communications.

Q. Why should I use wireless networking rather than traditional wired networking?

A. Wireless networking supports the same capabilities as a wired network without any of the hassles of drilling into walls or stringing Ethernet cables. Every room in your home or office can be "connected" to the network without the cost and trouble of infrastructure changes.

Q. What kind of wireless networking products does U.S. Robotics offer?

A. U.S. Robotics offers a total 802.11g Wireless Turbo networking solution that includes an 802.11g Wireless Turbo Router for sharing broadband Internet access, an 802.11g Wireless Turbo Multi-Function Access Point for larger networks, an 802.11g Wireless Turbo PCI Adapter for desktop computers, and an 802.11g Wireless Turbo PC Card for laptop computers. So whether you're starting off small, growing your network, or trying to communicate among multiple networks, U.S. Robotics has a solution that will fit your particular needs.

U.S. Robotics 802.11g Wireless Turbo Router

The 802.11g Wireless Turbo Router allows for networked computers to simultaneously share a single Internet connection, data files, even music and multi-player games†. The Router includes four products in one: an 802.11g Wireless Turbo Access Point, 4-port Ethernet switch, router, and firewall.

U.S. Robotics 802.11g Wireless Turbo Multi-Function Access Point

The U.S. Robotics 802.11g Wireless Turbo Multi-Function Access Point is a professional-grade access point that has the power and features to make a wireless network out of an existing wired network and wirelessly extend the reach of the Internet throughout your home or office. The Access Point includes five products in one: an Access Point, Bridge, Multi-Bridge, Client, and Repeater. The repeater function relays signals across multiple access points for greater wireless range and coverage, and a powerful class-leading ARM9 processor allows for maximum data transfer in large, critical networks. The device also includes full SNMP management for network administration and incorporates configurable transmit/receive power control for optimal network configuration.

U.S. Robotics 802.11g Wireless Turbo PCI Adapter

The 802.11g Wireless Turbo PCI Adapter lets you plug into the power of an entire network from your desktop computer – without wires. The included Site Survey feature makes finding the closest access point easy and simplifies wireless network configuration. Connect your existing wired network to the wireless world and start accessing the Internet from almost anywhere*.

U.S. Robotics 802.11g Wireless Turbo PC Card

The 802.11g Wireless Turbo PC Card allows you to take the power of an entire network with you – on your laptop computer. Stay connected to e-mail, shared files, and the Internet from wherever you need it*. Laptop users can access a network upon entering a building without having to hunt down a connector cable or network connection. The unique low-power design gets the most from your laptop's battery to keep you online longer.

Q. How many computers can I network using U.S. Robotics 802.11g Wireless Turbo adapters without an Access Point?

A. You can peer-to-peer network up to three computers using an 802.11g Wireless Turbo PC Card for each laptop PC or an 802.11g Wireless Turbo PCI Adapter for each desktop PC.

Q. When would I require a U.S. Robotics 802.11g Wireless Turbo Multi-Function Access Point or 802.11g Wireless Turbo Router?

A. Use a U.S. Robotics 802.11g Wireless Turbo Multi-Function Access Point for wirelessly networking four or more computers (up to 20). Use a U.S. Robotics 802.11g Wireless Turbo Router for sharing broadband Internet access and networking your PCs wirelessly or via Ethernet cables.

Q. Are U.S. Robotics 802.11g Wireless Turbo networking products difficult to set up and configure?

A. Not at all. U.S. Robotics 802.11g Wireless Turbo networking products are easy to set up and use; they install in three simple steps. Our U.S. Robotics family of 802.11g Wireless Turbo networking products are designed to work with any new or existing network – with or without wires. You'll see a difference in the way you work and play on the Web – U.S. Robotics makes high-speed wireless networking easy.

Q. Can I use a U.S. Robotics 802.11g Wireless Turbo PC Card on multiple computers?

A. Yes you can. You can use the same 802.11g Wireless Turbo PC Card at home as well as in the office. Just install the included software onto each laptop you want to wirelessly network, and plug your 802.11g Wireless Turbo PC Card into the CardBus slot of any one of those laptops for instant wireless networking.

Q. Where can I get U.S. Robotics 802.11g Wireless Turbo networking products?

A. Visit your local authorized retail supplier of U.S. Robotics products or visit us online at www.usr.com to find the dealer nearest you or to place an order.

* Capable of data throughput rates equivalent to 100 Mbps performance. Actual performance may vary depending on operating environment and distance between networked computers.

† Internet sharing requires a router. Some Internet Service Providers (ISPs) may have additional requirements, may not allow Internet sharing, and/or may charge additional service fees.

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