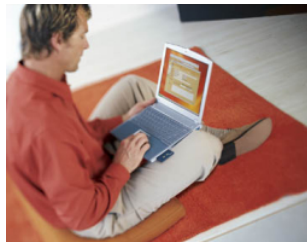


Setting Up Your Home Wireless Network

--- Overview

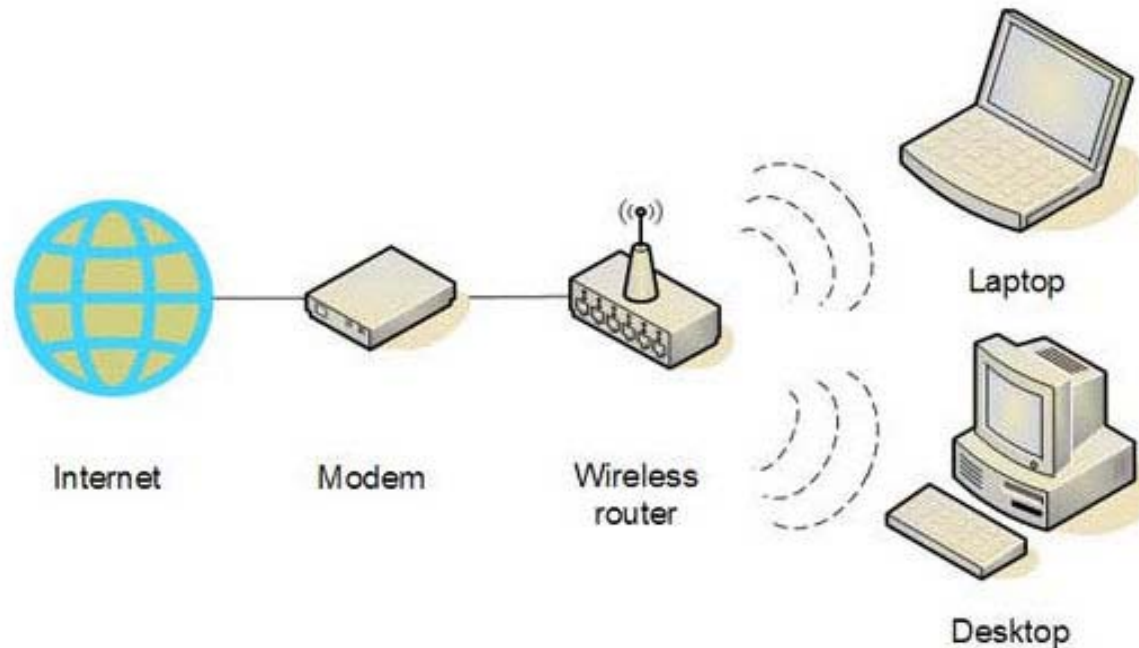
What are the advantages of having a home wireless network?



- You can use it to surf the Web from your couch or even from your yard
- You can use a wireless network to share Internet access, files, printers, and more

Note: it is easier to install than you think

How does a home wireless network work?



The router converts the signals coming across your Internet connection into a wireless broadcast.

Note:

- The modem may include a wireless router
- The wireless router may eliminate the modem

General procedure to set up your home wireless network

There are **4 steps** to creating a wireless network:

- Choose your Internet connection and wireless equipment
- Connect your wireless router
- Configure your wireless router
- Connect your computers (desktop or laptop)

Choose your Internet connection and wireless equipment

- Choose a Broadband Internet connection from the following two services
 - Cable Modem Service
 - DSL Service
- Wireless equipment shopping list
 - Wireless router
 - A computer (desktop or laptop) with built-in wireless networking support or a wireless network adapter

What does a wireless router do in the home wireless network?



The router converts the signals coming across your Internet connection into a wireless broadcast, similar to a cordless telephone base station.

Note: Be sure to get a wireless router, and not a wireless access point.

What does a wireless network adapter do in the home wireless network?



Wireless Adapter in a Notebook Computer

Network adapters wirelessly connect your computer to your wireless router.

Note: To make setup easy, choose a network adapter made by the same vendor that made your wireless router.