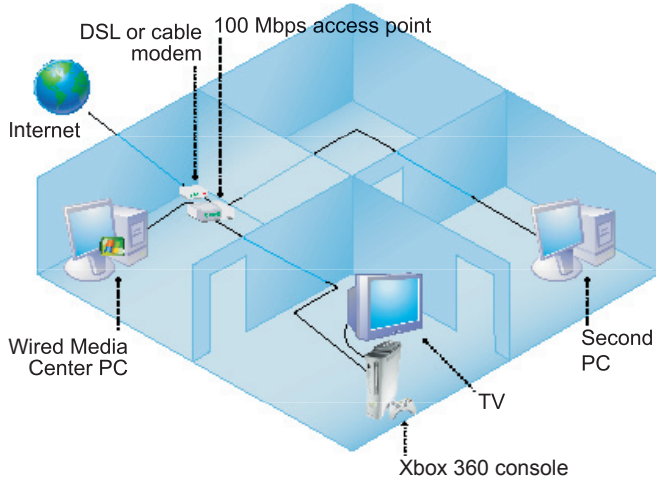


To provide Media Center experiences, you connect the Xbox 360 console to a computer running Windows Media Center using either a wired (Ethernet) or wireless network. Below are some tips and guidelines for connecting the Xbox 360 console to your home network. For more information about networking, visit www.microsoft.com/extender.

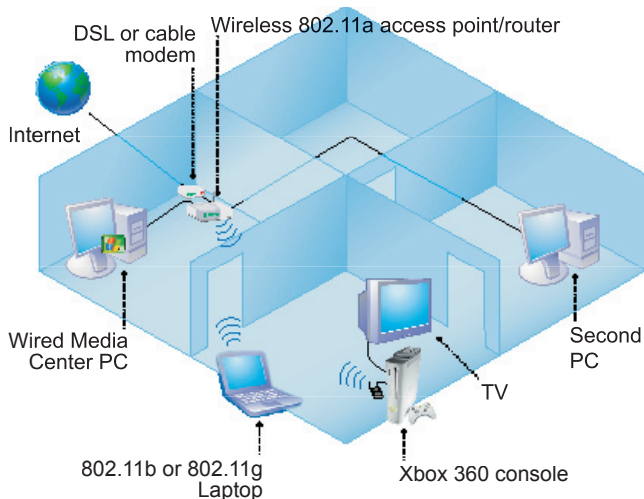
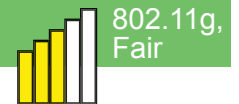
A. Wired Network Connections



In a wired network, all PC components and devices are connected to the network using RJ-45 Ethernet cables. In this configuration, the computer running Windows Media Center and Xbox 360 console are connected directly using Ethernet cables.

- Make sure to use an Ethernet switch that supports 100 megabits per second (Mbps).
- Depending on the capabilities of the Media Center PC, this configuration supports up to 5 Xbox 360 consoles.

B. Wireless Network Connections

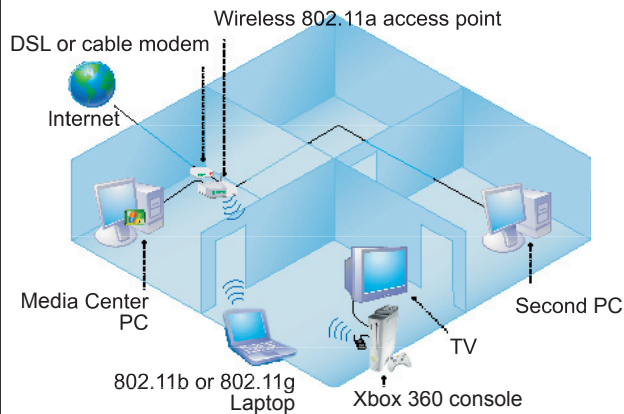


In this network configuration, all PC components and devices are connected to the network using Ethernet cables, except for the Xbox 360 console which is connected to the network using an 802.11a or 802.11g wireless adaptor.

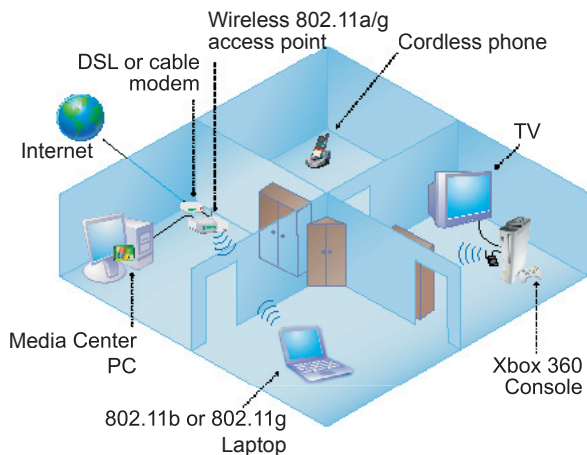
- 802.11a networks are the least likely to experience interference from other wireless devices.
- Microsoft recommends that you run your wireless network with security enabled such as WEP and WPA-PSK.
- The Media Center Extender Network Performance Tuner is a tool you can use to improve wireless video quality. To use the Network Performance Tuner, go to your PC, click Start, point to All Programs, point to Accessories, point to Media Center, and then click Media Center Extender Network Performance Tuner.

C. Setting up and Troubleshooting the Xbox 360 Console on a Wireless Network

Good Performance, the wireless Xbox 360 console is communicating on 802.11a



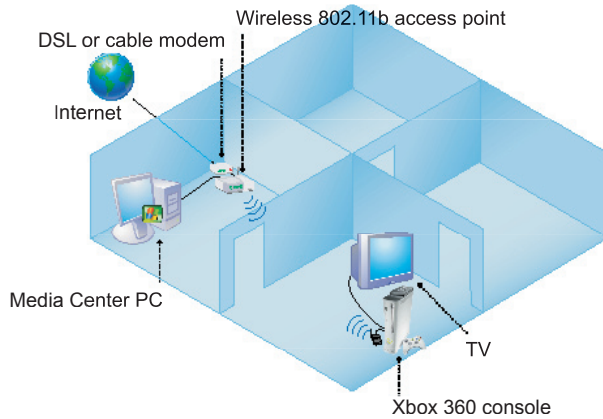
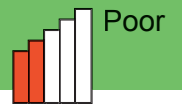
Poor Performance: too many obstructions, 2.4 GHz interference



When setting up a Xbox 360 console on a wireless network or troubleshooting problems with a Xbox 360 console on a wireless network, follow these guidelines:

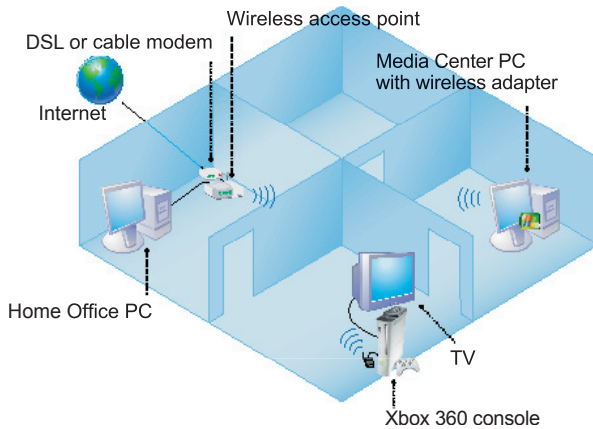
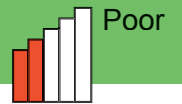
1. Select and set up the access point or router
 - Use a recommended dual 802.11a/802.11g (A+G) access point or router, or an 802.11a access point or router. For a list of recommended access points and routers please visit <http://www.microsoft.com/windowsxp/mediacenter/partners/dfw/partnerlisting.msp>.
 - When using a dual A+G access point or router, make sure the 802.11a and 802.11g networks have different, unique network names (SSIDs).
 - When you first set up the access point or router, make sure the external antennas are oriented vertically.
2. Locate and position the Xbox 360 console, access point and router
 - Before you position the Xbox 360 console, imagine a straight line between the Xbox 360 console and the access point.
 - Locate the Xbox 360 console and access point or router so there are as few obstructions as possible along the straight line. Obstructions include such items as TVs, cabinets, other electronics, and furniture.
 - There should be no more than two walls or two floors between the Xbox 360 console and the access point.
3. Try the following if the Xbox 360 console experiences pauses in TV viewing.
 - When connecting the Media Center PC to an 802.11 A+G access point or router, use 802.11a for the Media Center PC and Xbox 360 console. Use 802.11g for other wireless devices such as laptops.
 - To help you improve video quality, use the Media Center Extender Network Performance Tuner. To use the Media Center Extender Network Performance Tuner, see section B.
 - The following devices can cause interference with 802.11g networks. Adjusting them or changing your 802.11g wireless channel on our access point might reduce interference.
 - 802.11b wireless networking devices, microwave ovens, 2.4 GHz cordless phones, 2.4 GHz baby monitors.
 - Other wireless networks, for example those from neighboring houses.

Connections to Avoid: 802.11b network



Do not use an 802.11b network for Media Center PC and Xbox 360 console connections. The 802.11b network standard does not provide the necessary capacity to support a Media Center PC or Xbox 360 console. Reserve 802.11b for other wireless devices such as laptops.

Connections to Avoid: Two wireless networks



Do not connect a Media Center PC to a wireless router and a Xbox 360 console to a wireless router at the same time. Most home networks do not have the capacity to support video transmitted across such a wireless connection.