



**A free newsletter provided by Oxford Home IT Support  
To get your regular free copy visit [www.homeitsupport.biz/news](http://www.homeitsupport.biz/news)**

## **Wireless Networking - What's the best alternative?**

### **The problems with wireless**

Welcome to the January 2009 edition of our Newsletter. This month we will be taking a look at the best alternative to wireless networking around the home.

We're often asked for alternatives to wireless networks for a number of reasons. Some people in houses with thicker than average walls can find that their wireless network signal becomes weak and unreliable from just one room to the next and never reaches all over the house.



Others can find interference from other wireless networks nearby cause problems and connections to fail and some people simply find wireless connections just not quick enough for them.

Also, there are additional security implications in beaming your information in and around your home.

Others simply want to have access to the internet or to other computers around the home on machines that don't have any wireless networking, such as older machine or some games consoles.

Most of these are equipped for standard cabled networking, but often not wireless.

### **So what's the alternative?**

"Homeplug" or "Powerline" networking. This system uses the mains cables that reach most rooms in peoples homes to carry the network information, so no wireless signal or equipment is needed.



You simply plug a Homeplug connector into the mains next to your main router, connect them together with a simple network cable and then locate another Homeplug anywhere on the same ring main.

The two will then talk to each other automatically without any configuration or setup, then you simply take a another network cable from the extra Homeplug and plug into your PC, games console, or any network capable device and you're away!

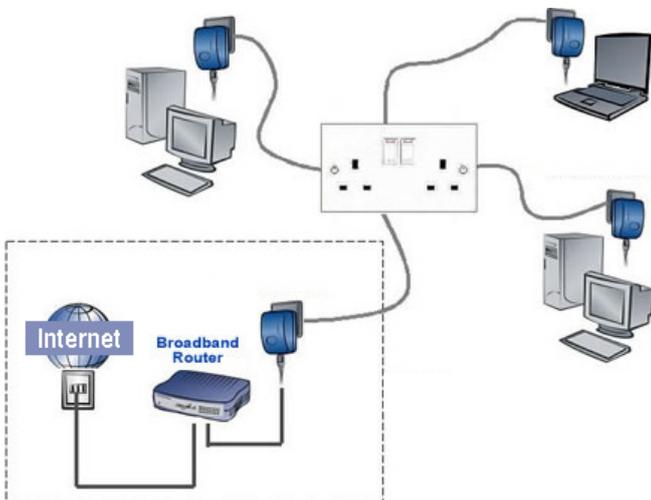
### **Simple and easy to setup and use**

You can add additional Homeplugs around the home to give access to the internet and other computers just as easily. It really is "plug and play"!

See the diagram below to see how a simple setup would work.



## Example setup



The diagram shows a simple setup, as you can see taking a network signal from your existing router into your mains system, then around the house to outlets from there.

It's such an easy system to use and requires no maintenance or complicated setup.

## Is it as fast as wireless?

The good news is that it's generally much faster than wireless, with either 85mbps (mega bits per second) or 200mbps versions available. Most wireless networking peaks at 54 mbps, though generally runs between 30-40mbps for most people, so the Homeplug system is generally much faster and more consistent.

Remember with wireless that any interference or disturbance in the signal will result in the connection slowing down, often to as low as 8mbps or lower in some conditions.

We have now installed dozens of installations of Homeplug systems and they have proven to be very reliable and versatile.

Need to move the network connection? Easy, just unplug it, move it to another room, plug it back in, wait a few seconds and you're off again, it really is that straight forward.

If you're thinking about extending the internet around your home reliably and easily then why not consider it.

There are now lots of different options with the Homeplug system to suit every possible home networking requirement, to extend your network across your home or office, including having a wireless access point at the other end close to where you need it for a laptop.

The possibilities are amazing and we supply the biggest range of specialist Homeplug devices available anywhere in Oxford, at excellent prices. A starter Homeplug set is just £60 including vat!

For advice on all Homeplug and wireless systems, talk to the experts in your area, yes, that's us! 7 days a week on 01865 594020 and see what Homeplug networking can do for you. We don't know anyone else who is as qualified as us in this field of networking!

Or why not visit the Homeplug page on our website at

[www.homeitsupport.biz/homeplug](http://www.homeitsupport.biz/homeplug)

**Thanks for reading, see you next issue!**

