

## Bring WiFi home

In the past, building a home wireless network was considered a luxury demand because the device for it was quite expensive. However, just less than 1 million VND can now set up a wireless access point in your home.

**In the past, building a home wireless network was considered a luxury demand because the device for it was quite expensive. However, just less than 1 million VND can now set up a wireless access point in your home.**

Many families own more than one WiFi-enabled device, such as a laptop and a PDA, so there is a need for a home hot-spot. Because it is practically home to use a laptop to access the wired Internet, it is like using a desktop computer.

Currently, there are two popular options on the market: use a WiFi modem with users who have just registered to use the service, or invest in a wireless transmitter called Access Point Wireless for the ADSL modem. Wire available. Some computer equipment trading companies and ADSL service providers are maintaining the selection of TP-Link WiFi modem, Zyxel with the cost of VND 900,000-1,200,000. This plan proved both convenient and economical in equipment installation, while helping to reduce the usage space.

However, if your home is using a wired modem that plans to switch to WiFi, choose to buy an integrated WiFi modem of this type as a waste of investment. On the other hand, people are concerned about this "all-in-one" device because when it fails, there is a risk of the functions it undertakes, such as a modem, router and WiFi broadcasts.

For families with ADSL modems with multiple ports, parallel use of wired and wireless networks is also easy. As long as this modem has an unused port, users only need to purchase an additional Access Point set of Netgear, LinkSys, TP-Link . for 600,000-800,000 VND to be able to surf the Internet wirelessly within the allowed range (sell 100m glass). Normally, users should choose to purchase Access Point with the company with the modem to receive the maximum compatibility.



LinkSys WAG54G one of many types of Access Points commonly used in Vietnam

The configuration settings only need to avoid IP address conflicts between the modem and Access Point as well as note the security mode settings, usually choose WEP security mode. When you want to share WiFi with friends, relatives just share this password for them. Normally people put the device downstairs and the waves will bounce off the upper floors. For example, it is possible to place an Access Point at the ceiling of the first floor so that the machines on the second and third floors can also be accessed.

Thick concrete walls, iron fences, microwave transmitters, other radio transmitters as well as neighbors' WiFi waves can all be home WiFi jamming agents.

Sometimes to cover all high-rise buildings (greater than four floors), users need to be equipped with additional Access Points that can expand the wave field and equip antenna with high amplification, plug in with the existing Access Point. Besides the affordable Access Point, the budget savvy people can invest in more expensive products. These Access Points are priced at 1.5-3 million VND by big name companies like TP-Link, LinkSys to get more reliable products, strong coverage intensity and longer warranty time. For example, the LinkSys WRT300N, priced at VND2.67 million, has a warranty of up to three years while other low-cost models are usually guaranteed for only one year.

The 2.4GHz antennas with high amplification also contribute to the widening of the field width and intensity. There are two types of antennas for indoor and outdoor. Indoor type ranges from 200,000 to 1.2 million VND while outdoor type is more expensive, cost about 1.6 million VND or more. Some Access Point models have a built-in antenna extension jack, while many models require you to remove the old antenna for new plugging.

If you also want a desktop PC to be able to connect to the wireless Internet, you need to have a WLAN card installed via the PCI slot or use a wireless USB device that is currently sold quite popularly from well-known network equipment firms. . The investment cost for each wireless card is 320,000-800,000 dong depending on the type.

You finished reading the article "**Bring WiFi home**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.

