

Network Pros & Cons

Pros:

Cost effective:

Everyone in your home can share files, peripherals, a single printer, even a single high speed Internet connection, all at the same time.

Fast:

Add broadband Internet access to your network and you can surf the Net and download up to 100 times faster than traditional modems. That means, online shopping is easier and more fun. Homework is more productive. And vacation planning is a snap.

Efficient:

You can access files, music, pictures, etc. on any connected computer without putting the information on a disk or burning a CD.

Flexible:

Network with or without wires, or a combination of both. The choice is yours. And you can easily add users or equipment at anytime. Most routers have multiple ports and a USB connection.

Mobile:

Laptops are free to roam up to 328 feet indoors/1312 feet outdoors almost anywhere depending on user environment, and remain connected.

Fun:

With a network, you can really get into gaming. You can compete with others within your network or play competitors online.

Safer:

Both wired and wireless users are covered by advanced firewall security.

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Security:

Wireless transmission is more vulnerable to attack by unauthorised users, so particular attention has to be paid to security. See our guide on securing your wireless systems.

Installation problems:

You may suffer interference if others in the same building also use wireless technology or where other sources of radio signals are present. This could lead to poor communication or, in extreme cases, loss of wireless communication altogether.

Coverage:

In some buildings getting consistent coverage can be difficult, leading to 'black spots' where no signal is available. For example, in structures built using steel reinforcing materials, you may find it difficult to pick up the radio frequencies used.

Transmission speeds:

Wireless transmission can be slower and less efficient than 'wired' networks. In larger wireless networks the 'backbone' network will usually be wired rather than wireless.

Cost:

Wireless router is another piece of equipment to buy and maintain.