



HOME NETWORKS – Wired, Wireless or Both

At ByteSize, we take an individual approach to home networks, recommending wired or wireless based on need. In today's networks you have the option of both within the same network. Our bottom line is to provide you with an efficient, secure, easy to use network.



All networks begin with receiving a high speed signal from your phone or cable service provider. They provide the high speed internet access for a single computer. From their modem, we begin to build your network.

A router is connected to the phone/cable modem, and it does what it's name suggests, routes the signal to the computers on your network, via a cable or a broadcast signal. We recommend a combo router that provides both a wireless signal and has ports for connecting network cables.

Workstations are connected to the router by having a cable attached, or by having a receiver for the wireless signal. When convenient, having a cable attached to a workstation provides the most reliable signal. For wireless connectivity, each workstation must have a receiver. The receiver may already be built in, which is the case with newer notebooks. We may need to add a permanent card to a desktop, or a removable card to a notebook. We also have the option of adding a receiver via USB connection to either. (We do not recommend investing in wireless cards for systems running Windows 98 or Millennium.)

The wireless router will broadcast the signal anywhere from 800 square feet to 2000 square feet. At times there are "dead spots" within the broadcast area. These may be caused by the materials used in construction of the building. We will work with you to get to best coverage possible. At times, additional devices may be required to provide greater coverage.

Installation and set up labor for a home network varies based on number of workstations, number of access points, and ease of access to the locations. For more complete information, to discuss your specific needs or to schedule an onsite, please contact your closest ByteSize Service Center.

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