



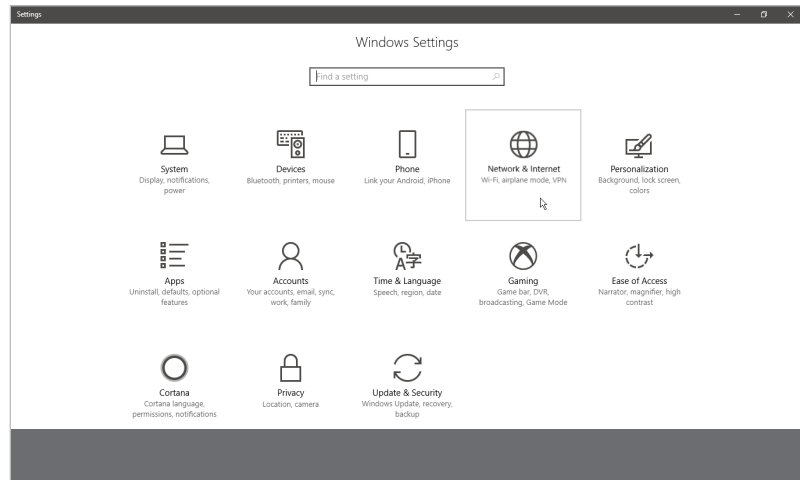
Most routers will offer both wired and wireless connections, as well as internet access, or you may have individual devices for each of these functions.



Create a network

A network consists of several devices that exchange information over cables or Wi-Fi. A computer and an internet router form a small network. If you have other computers, they can be added to share the internet connection and perhaps share data information with each other, creating a larger network. In order to connect to the network, each computer requires an Ethernet (wired) network adapter and cable, or a wireless network adapter. The flow of data between the computers and the router is managed by Windows.

To start a new network using a wired network adapter:

- 1 Install a network adapter in the computer (if required)
- 2 Start (or restart) the computer, and on the Start menu click **Settings** and then the **Network & Internet** icon



- 3 Click on the **Ethernet** item in the left-hand pane to see wired connections  Ethernet
Not connected
- 4 Now, connect the adapter to the router using a network cable (Ethernet cable)
- 5 Windows will then automatically detect and identify the new network  Ethernet
Connected



There is no built-in option to create an ad hoc network in Windows 10 but you may find third-party tools online for creating ad hoc networks, if you need to do this.