



Hotspot



Bluetooth



No Internet access



Internet access



WAP



Two ways to navigate "SETTINGS"

1. On your keyboard press the Windows Key, and type the word SETTINGS, then press "ENTER"
2. Click the Start button, then click "SETTINGS."

Hotspot

A "hotspot" in Windows 11 refers to the feature that allows you to turn your computer into a **Wi-Fi access point**, essentially sharing your internet connection with other devices like smartphones or tablets by creating a separate wireless network that other devices can connect to; you can access this feature by going to Start > Settings > Network & Internet > Mobile Hotspot.

Key points about the Windows 11 hotspot:

- **Accessing the feature:**

To activate a hotspot, navigate to "Settings > Network & Internet > Mobile Hotspot".

- **Customizing settings:**

You can edit the network name (SSID) and password for your hotspot within the Mobile Hotspot settings.

- **Sharing connection type:**

You can choose to share your Wi-Fi connection, Ethernet connection, or even your cellular data connection if your PC has one.

- **Connecting other devices:**

Once your hotspot is active, other devices can connect to it by selecting the network name and entering the password in their Wi-Fi settings.

Bluetooth

"Bluetooth" is a short-range wireless technology standard that is used for exchanging data between fixed and mobile devices over short distances and building personal area networks. In the most widely used mode, transmission power is limited to 2.5 milliwatts, giving it a noticeably short range of up to 10 meters 33 ft.

How to Connect to Internet on Windows 11 (Read pg. 211 in Windows 11 for Senior's book)

Step 1: Turn on Wi-Fi.

First, make sure your Wi-Fi is enabled.

Step 2: Select Your Network



Next, choose your Wi-Fi network from the list of available networks.

A list of available Wi-Fi networks will appear once you click the Wi-Fi icon. Look for your network's name, also known as the SSID. Click on it to proceed.

Step 3: Enter Password

A password prompt will appear after you select your network. Carefully enter your Wi-Fi password. Make sure you type it correctly—Wi-Fi passwords are case-sensitive.

Step 4: Confirm Connection

S mode

"S mode" in Windows 11 is a security-focused version of the operating system that restricts users to only installing apps from the Microsoft Store, essentially limiting access to potentially harmful software and designed to provide a more streamlined and secure experience, particularly for novice users; it prioritizes performance by only allowing apps verified by Microsoft, but can be switched out of if users need more flexibility to install applications outside the store. Once switched out of S mode this change is one-way.

Networking

On the taskbar, at the bottom right corner is an array of information pertaining to your computer. The network icon will display information about your networking status, if you are NOT connected to a wireless network, or have no internet access. Consequently, if you are connected to a wireless network, the name of the wireless network or the SSID will be displayed along with your internet status.

Networking acronyms



WAP – Wireless Access Point allows wireless devices to connect to a wired network

BAN – can exchange data with your body

PAN - can connect electronic devices within a user's immediate area

LAN – can exchange data within a building

WAN – can exchange data with a country

MAN – can exchange data with a metropolitan area

CAN – can exchange data within a college campus

GAN – can exchange data within the globe

HTML – Hyper Text Markup Language, a language that is used between your web browser and the website

WWW – World Wide Web, a communications system used world-wide

URL – Uniform Resource Locator, commonly known as the address field

SSID stands for "Service Set Identifier" which is used to identify any given wireless network.

