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Aka ms network setup windows 11

Windows 11 makes it easy to connect laptops, tablets, and desktop computers to a wireless network to access the internet and other local network resources.



However, it's only easy if you know the tools and process to connect. If you are setting up a connection in a new network or want to learn a more efficient way to connect multiple computers, Windows 11 has different tools to connect without cables, using the Taskbar, Settings, Control Panel and Command Prompt. In this how-to guide, I'll walk you through how to connect your computer to a Wi-Fi network on Windows 11. How to connect to Wi-Fi network from Taskbar To connect to a Wi-Fi network through the Windows 11 Taskbar, use these steps: Click the Network icon in the bottom-right corner to open Quick Settings. Quick tip: You can also use the "Windows key + A" keyboard shortcut to open the settings flyout. On Windows 11, there are several other shortcuts, you can learn more in this guide. Click the button next to the wireless icon. (Image credit: Future) Select the wireless connection. (Optional) Check the Connect automatically option. Click the Connect button. (Image credit: Future) Confirm the network security key (password). Click the Next button. Confirm whether the device should be discoverable in the network. Once you complete the steps, the laptop will connect to the network using the wireless connection. Reconnect automatically In addition, Windows 11 also offers an option to reconnect the device automatically after disconnecting the adapter manually. To set the Wi-Fi adapter to reconnect automatically on Windows 11, use these steps: Click the wireless icon in the system tray. Click the button next to the wireless icon. (Image credit: Future) Turn off the Wi-Fi toggle switch in the top-right corner. Use the drop-down menu and select when to reconnect automatically: Manually. In one hour. In four hours. In one day. (Image credit: Future) After you complete the steps, Windows 11 won't reconnect until the time you selected. When using this functionality, the computer will only connect automatically to the networks you have connected to in the past. How to connect to Wi-Fi network from Settings You can also set up wireless connections manually using the Settings app. This way, when the network is in range or hiding its SSID (Service Set Identifier), the laptop or desktop computer can connect automatically. To add a wireless connection manually, use these steps: Open Settings. Click on Network & internet. Click on Wi-Fi. Click the "Manage known networks" page on the right side. (Image credit: Future) Click the Add network button. (Image credit: Future) Confirm the name of the network. Use the drop-down menu to select the Security type - For example, WPA2-Personal AES. Confirm the network security key (password). Check the Connect automatically option. Check the "Connect even if this network is not broadcasting" option (if applicable). (Image credit: Future) Once you complete the steps, the device will connect automatically when the wireless network is in range and whether it's hidden or visible. How to connect to Wi-Fi network from Control Panel To connect to a wireless network with Control Panel on Windows 11, use these steps: Open Control Panel. Click on Network and Internet. Click on Network and Sharing Center. (Image credit: Future) Under the "Change your networking settings" section, click the "Set up a new connection or network" option. (Image credit: Future) Select the "Manually connect to a wireless network" option. (Image credit: Future) Click the Next button. Confirm the network name. Use the drop-down menu to select the Security type - for example, WPA2-Personal. Confirm the network security key (password). Check the "Start this connection automatically" option. (Optional) Check the "Connect even if the network is not broadcasting" option. (Image credit: Future) Click the Next button. Click the Close button. Once you complete the steps, the computer will automatically connect to the Wi-Fi network. How to connect to Wi-Fi network from Command Prompt You can also use the netsh command-line tool in Command Prompt to connect to a Wi-Fi network on Windows 11. To connect to a Wi-Fi network with commands, use these steps: Open Start. Search for Command Prompt, right-click the top result, and select the Run as administrator option. Type the following command to view the available network profiles and press Enter: netsh wlan show profile Confirm the wireless profile. (Image credit: Future) Type the following command to connect to the wireless network on Windows 11 and press Enter: netsh wlan connect ssid=YOUR-WIFI-SSID name=PROFILE-NAME In the command, update the name (SSID) of the network and profile name with your network information. For example, this command connects to the "tsunami" network using the "tsunami" profile: netsh wlan connect ssid=tsunami name=tsunami. Quick tip: On a computer with multiple adapters, you also have to specify the adapter name in the command. For example: netsh wlan connect ssid=YOUR-WIFI-SSID name=PROFILE-NAME interface=Wi-Fi. (Image credit: Future) After you complete the steps, the laptop will connect to the Wi-Fi network. Create network connection The netsh command tool also allows you to manage Wi-Fi adapters and networks. The only issue is that you can only manage existing profiles.

You cannot create new network profiles with this tool. If you have to use Command Prompt to connect one or multiple computers to the same wireless network, you can export the profile created automatically during the first connection. Then you can import it using netsh to connect using commands. Export Wi-Fi profile To export a Wi-Fi profile with commands on Windows 11, use these steps: Open Start. Search for Command Prompt, right-click the top result, and select the Run as administrator option. Type the following command to view the available network profiles and press Enter: netsh wlan show profile Type the following command to export a profile and press Enter: netsh wlan export profile PROFILE-NAME key=clear folder=PATH\TO\EXPORT\FOLDER For example, this command exports the tsunami profile to the "Documents" folder: netsh wlan export profile tsunami key=clear folder=C:\Users\m\Documents (Image credit: Future) Once you complete the steps, you can import the same XML file to connect other computers to the wireless network. Import Wi-Fi profile To import a Wi-Fi profile on Windows 11, use these steps: Open Start. Search for Command Prompt, right-click the top result, and select the Run as administrator option. Type the following command to determine the name of the network adapter and press Enter: netsh wlan show interfaces Confirm the name of the adapter that will connect to the network. Type the following command to import the wireless profile and press Enter: netsh wlan add profile filename="PATH\TO\PROFILE.XML" Interface="YOUR-WIFI-ADAPTER-NAME" user=current In the command, you must specify the location of the XML file and network interface name.



For example, this command imports the XML profile located in the "Documents" folder to the Wi-Fi adapter: netsh wlan add profile filename="C:\Users\m\Documents\wi-fi-tsunami.xml" Interface="Wi-Fi" user=current. (Image credit: Future) Type the following command to connect to the wireless network and press Enter: netsh wlan connect ssid=YOUR-WIFI-SSID name=PROFILE-NAME In the command, you must specify the SSID and profile name that corresponds to your network. For example, this command connects to an access point using the "tsunami" SSID and "tsunami" profile name: netsh wlan connect ssid=tsunami name=tsunami. Quick tip: If you have multiple wireless interfaces, you must also specify which adapter you want to use in the command. For example, netsh wlan connect ssid=tsunami name=tsunami interface=Wi-Fi. (Image credit: Future) After you complete the steps, the computer should connect to the wireless network automatically. More resources For more helpful articles, coverage, and answers to common questions about Windows 10 and Windows 11, visit the following resources: All the latest news, reviews, and guides for Windows and Xbox diehards.



Microsoft requires your system to have an active internet connection to complete the Windows 11 setup. It asks you to log into your Microsoft account to download critical updates and new features before you get stuck into Windows 11. This becomes an issue if you want to use a local user account or don't have an active internet connection during setup. Luckily, there are a few workarounds to skip this step. Here we show you how to bypass this restriction and complete the Windows 11 setup without an internet connection. Why Does Windows 11's Setup Require an Internet Connection? According to Microsoft, you need an active internet connection to perform updates and download and use some features. In addition, Windows 11 Home edition requires a Microsoft Account to complete device setup on first use. However, this may not be feasible due to many reasons. First, you may want to use a local user account, but connecting to the Internet will force you to log in with a Microsoft account. The second potential issue is the missing WiFi drivers to connect to the network. Finally, the unavailability of a working Internet connection is another reason you may want to bypass this restriction. In Windows 10, bypassing this restriction was easy.

You could click on the "I don't have internet" option and proceed to create a local user account and complete the setup. Windows 11, however, stops at the "let's connect you to a network" screen with the "next" button greyed out. Pro edition users can click on "I don't have internet" and proceed to complete the setup with a local user account; however, Home edition users don't have this option. Here are a few workarounds to install Windows 11 Home without an active Internet connection. You can bypass the Let's connect you to a network screen using the OOBE\BYPASSNRO command in the Command Prompt. When executed, it runs an existing CMD script stored in the System32 folder to modify the Windows registry. This modification allows you to complete the Windows 11 setup without an Internet connection. Here's how to do it. In the Let's connect you to a network screen, press Shift + F10 to launch the Command Prompt. In the Command Prompt window, type the following command and press Enter: OOBE\BYPASSNRO Upon successful execution, your system will restart and relaunch the OOBE dialog. Follow the on-screen instructions to complete the setup. When you reach the Let's connect you to a network screen, click on I don't have internet option. Next, click on Continue with limited setup. Accept the License Agreement and proceed to create your local user account. You can bypass the "let's connect you to a network" screen by killing the oobenetworkconnectionflow.exe process using the Windows Task Manager. Since you already have Windows 11 installed at this stage, you can launch the Task Manager on top of your setup wizard using Command Prompt and kill the process. Here's how to do it. Assuming you are in the Let's connect you to a network screen, press Shift + F10 to launch the Command Prompt. In the Command Prompt window, type taskmgr and hit enter to launch Task Manager. Alternatively, use the Ctrl + Shift + Esc shortcut to launch Task Manager without Command Prompt. Click More Details to open Task Manager in full view. In the Processes tab, locate Network Connection Flow. Select the Network Connection Flow process and then click the End task button. Wait for the process to end and then close the Task Manager. Type exit in the Command Prompt and hit enter.

Now you will be back in the setup wizard. It will show some loading animation and then proceed to the next step. Here enter your name and password to create a local user account in Windows 11 and complete the setup. If you are unable to end the Network Connect Flow through Task Manager, you can directly kill it using the Command Prompt. Here's how to do it. At the Let's connect you to a network screen, press Shift + F10 to launch Command Prompt. In the Command prompt window, type the following command and hit enter to execute: taskkill /F /IM oobenetworkconnectionflow.exe Once executed, close the Command Prompt window to continue with the setup. This workaround is more of a hit-or-miss but seems to have helped a few users. When at the Let's connect you to a network screen, press the Alt + F4 keyboard shortcut to close the mandatory Internet connection required window. Incidentally, you can use this shortcut to close active windows/programs when working on your desktop as well. For more such handy shortcuts, explore our ultimate guide to Windows 11 keyboard shortcuts. If successful, Windows 11 will skip the current screen and move to the next step. Once you're past this step, you can create a local user account and then complete the setup.

You can follow one of the four methods listed above to skip the let's connect you to a network window and complete the Windows 11 setup without the internet.



That said, once you finish the setup and create a local user account, connect to the Internet to download critical security updates and features. You may also notice a few missing icons after the initial setup. Windows will download these icons when you connect to the Internet next time.