MAC Address

A MAC address (stands for Media Access Control) contains 12 characters represented in hexadecimal (0-9 plus A-F). MAC addresses can be thought of as serial numbers assigned to the network interface controller (NIC) responsible for network communication in a networkable device. Laptops usually have two network controllers, wired and wireless, so they have two MAC addresses. Each controller on the network must have a unique MAC address.

MAC addresses can be represented in three ways; with no spaces, with colons, or with hyphens. While not required, capital letters are often used for readability.

1. 0a1b2c3d4e5f
2. 0a:1b:2c:3d:4e:5f
3. 0a-1b-2c-3d-4e-5f

Finding a MAC Address

Each manufacturer is assigned a series of addresses for each type of device they manufacture. Locating the MAC address differs from device to device.

Microsoft Windows

- Open a Command Prompt
  - RUN (Windows key + R)
  - Type CMD
- Type ‘ipconfig /all’ (no quotes)
- Locate the MAC address under the appropriate Physical Address (may say Local Area Connection or Wireless Connection)

MAC OS X

- Apple Menu > System Preferences > Network
- Select the appropriate connection
- Click Advanced
- Click on the Hardware tab that appears on the right.
- The MAC address will be listed on the top of that screen.

iPhone/iPad/iPod Touch

- Navigate to Settings
- Tap General
- Tap About
- Locate the MAC address (Wi-Fi Address)

Apple TV

- Main Menu > Settings > About
- Locate the MAC address (Wireless ID or Ethernet ID)
Android
- Settings > About Phone
- Select Status

Xbox 360
- Press the Guide button on your controller
- Select Settings > System Settings > Network Settings
- If you use an ethernet cable to connect, select Wired. If you connect wirelessly, select Wireless.
- Select Configure Network > Additional Settings > Advanced Settings

Xbox One
- Go to Settings on the home screen.
- Select Network.
- Select Advanced Settings
- Both the Wired and the Wireless MAC address should be shown on the right.

Sony PS3
- From the home menu go to Settings
- Scroll until you see System Information and press the x button.

PS Vita:
- From the Vita Home Screen, tap the Settings application and then tap State.
- Swipe up on the screen to scroll down to the System option, and then tap the System option.
- Tap the System Information option.

Sony PS4
- Open Settings
- Select Network
- Select View Connection Status
- Both the Wired and the Wireless MAC address should be shown on the right.

Nintendo Wii
- From the Wii Channel menu, select Wii Settings
- Select Internet, then Console Settings.

Nintendo Wii U
- On your Wii U, go to System Settings.
- Tap on the Internet settings button.
- Next, select View MAC Address option.

Nintendo DS
- Insert a Nintendo Wi-Fi Connection (WFC) compatible game.
- Access the WFC Setup Utility—this varies by game, but the setup utility is a standard menu in all WFC compatible games.
- In the utility, tap Options and then System Information.
- The MAC address will be listed on the System Information screen.
Nintendo 3DS
- From the HOME menu, highlight and select the System Settings icon.
- Select Internet Settings.
- Tap Other Information.
- Tap Confirm MAC Address; your system’s MAC Address will be displayed on the screen.

Roku
- From the Home screen, press the up arrow to make the Menu Bar appear.
- Select Settings.
- Select Player Info.
  Note: The MAC address may also be listed on the back of your Roku box.

Blu-ray Players
- Press Home > Setup > Network
- Choose the Connection Status option
- The MAC address will be listed.
  NOTE: For brand specific instructions, search brand websites for device manuals or contact customer support.

Linux 10.10.X or Newer
- Right click on the network arrows and select Edit Connections
- In the Network Connections, click on your Ethernet adapter so it’s orange and select Edit
- The Device MAC address shows the MAC address
- You can also type “ifconfig” (without quotes) in terminal to get the MAC Address.