



## How to connect to a device using ADB

# Description

This guide explains how to connect to a device using ADB

# Requirements

- Have a laptop/PC with the ability to run commands
- Be on the same network as the device
- The IP address of the device

# How to connect to a device using ADB

1. Install ADB Platform Tools: <https://developer.android.com/tools/releases/platform-tools>

## Downloads

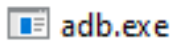
If you're an Android developer, you should get the latest SDK Platform-Tools from Android Studio's [SDK Manager](#) or from the [sdkmanager](#) command-line tool. This ensures the tools are saved to the right place with the rest of your Android SDK tools and easily updated.

But if you want just these command-line tools, use the following links:

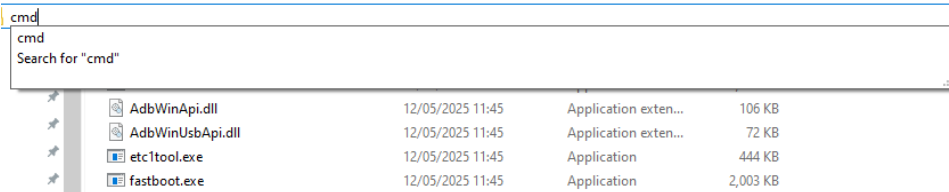
- [Download SDK Platform-Tools for Windows](#)
- [Download SDK Platform-Tools for Mac](#)
- [Download SDK Platform-Tools for Linux](#)

And select the version based on your device.

2. Extract the folder to a desired location. When inside this folder there should be a file called "adb.exe"



3. Use the navigation bar to open CMD (command prompt) by typing CMD in it.



Press "enter", this will open CMD in the current folder as we need to execute commands from this folder.

4. In the CMD type "ADB devices" to test the functionality. If it returns the following message:

```
* daemon not running; starting now at tcp:5037
* daemon started successfully
List of devices attached
```

It means its functional.

5. To connect to a device, we can use the following command: "adb connect <IP address>". replace <IP address> with the IP of the device.

```
C:\platform-tools>adb connect 192.168.0.127
connected to 192.168.0.127:5555
```

6. If the device refuses the connection, then ADB/USB debugging is not enabled on the device. See the following documentation to enable ADB/USB debugging:



How to enable ADB-USB debugginç

7. After these steps have been done, you are connected to the device.