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How to Install Android apps on PC without any Software

اینڈرائیڈ - ایپس کو استعمال کریں
کمپیوٹر میں بغیر کسی سافٹ ویئر کے



How to install android apps in pc without bluestacks. How to install apps on android using pc. How to install android apps in windows 10 pc. How to install android apps in windows 7 pc. How can install android apps on pc. How to install android apps in pc without any emulator. How to install android apps in pc

When it comes to app selection, few platforms rival Android. Unfortunately, using your Android phone and tablet apps isn't normally possible on Windows. However, there are ways to use your apps on a full screen if you know how to run Android apps in Windows. This way, you can enjoy the best Android apps and the best Android games on the big screen. Contents BlueStacksGenymotionDual Booting Android-x86Link to Windows We also have a guide on how to get Android apps on a Chromebook. BlueStacksThe easiest way to run Android apps on Windows is through an emulator, like BlueStacks. It's one of the most popular and robust Android emulators around, allowing you to run 32-bit and 64-bit games and apps for Android on your Windows desktop. If you can, enable AMD-V or Intel VT-x within the BIOS for optimal performance. Step 1: Download the installer from the official BlueStacks website. Step 2: Launch the install application and choose the storage location for the app and data files. Unfortunately, you can't change the BlueStacks directory -- it will install on your boot drive by default. Step 3: Once BlueStacks installs, launch it and enter your Google and/or Samsung account credentials. You'll need this info to log in to the Google Play Store and Galaxy Store and access your Android app library. GenymotionWhile BlueStacks is focused on apps and games, Genymotion provides the full Android experience (though at the cost of performance). Genymotion offers several paid emulation modes, including an option to run Android emulation from the cloud. There's also a free version for personal use. If you can, enable AMD-V or Intel VT-x within the BIOS for optimal performance. Step 1: Download VirtualBox for Windows. Step 2: Download Genymotion for personal use. Step 3: Open Genymotion and select Create Account. After you're done setting up your account, activate it and log in with your credentials. Step 4: Click the Plus icon and select a device you want to emulate. You can also emulate a custom device. Dual Booting Android-x86There's an alternative to emulation that gives you access to newer versions of Android, but the setup is a bit more involved. It's called "dual booting," and it effectively transforms your Windows computer into an Android device. You'll gain the option to boot into Android when you switch on your computer, and Android will work just like it does on your smartphone or tablet. Our preferred version is Android-x86. It comes with features like a new Taskbar launcher and the ability to launch apps in resizable windows rather than just full-screen. It also lets you customize Android to your liking. You can install third-party themes, home screens, and more without having to worry about whether or not they will play nicely together. To use Android-x86, your PC must have: An AMD or Intel processor. 2GB or more RAM. 4GB or more disk space. An available USB port. Step 1: Plug in an empty USB drive, and download both Android-x86 and UNetbootin. Step 2: Find and open UNetbootin and click the Three Dots button to the far right of Diskimage. Kevin Parrish/Digital Trends Step 3: Locate and select the downloaded ISO file for Android-x86. Step 4: At the bottom, next to Type, select USB Drive from the list and then click OK. Wait for UNetbootin to copy and install Android-x86 to your flash drive. Step 5: Reboot your computer. This may require you to hit a specific key to prevent Windows 10 from loading, like ESC or F12. A screen should appear allowing you to select Boot to the Boot Device Selection. Step 6: Select your flash drive. Step 7: From the UNetbootin menu, select Install Android-x86 to Hard Disk. Step 8: Select the partition -- or location -- to which you want to install Android-x86. The program will ask if you plan to format the disk. If you're unsure, don't. Step 9: Select Yes to install GRUB and then select Yes again. Step 10: A prompt asks if you want to "make system r/w," which enables Android-x86 to read and write data to your hard drive. Select Yes. Step 11: Reboot your computer for the second time. Once installed, use the Google Play Store to install Android apps as you wish. Link to WindowsMicrosoft's Your Phone app allows Android phone owners to send and receive texts from their Windows PC without using their mobile devices. Users can also access their phone's photos from Windows 10 and see phone-related notifications in the Action Center. Samsung takes this cool relationship one step further with Link to Windows. This technology now provides two services: Phone Screen and Apps. With the former, you're essentially streaming a Samsung phone's screen to an interactive window on your PC. With Apps, you're streaming individual apps rather than mirroring the phone's entire screen. However, all Android apps remain on the Samsung phone. Moreover, this method requires the Windows 10 PC and Samsung Android phone to be on the same local network. Microsoft provides a list of compatible Samsung phones -- not all Samsung phones support Link to Windows. Step 1: Open the Your Phone app or download it from the Microsoft Store if it's not installed. Step 2: Sign in to your Microsoft Account. Step 3: Move to the Samsung phone. Swipe down on the Quick Panel *and tap *Link to Windows. If it doesn't appear in the Quick Panel, download it from the Google Play Store -- it's typically integrated into newer Samsung phones. Step 4: If other Microsoft apps are already signed in, you won't need to do it again on your phone. If not, sign in manually. Step 5: Allow permissions when prompted. Step 6: The Samsung phone and Windows 10 should begin synchronizing. When complete, tap the blue Allow button on the Samsung phone's screen to allow the pairing. If successful, the Samsung phone will display a switch that's toggled on -- tap it to disconnect at any time. The screen also lists the connected PC's name and the Microsoft Account login name. Step 7: With the Your Phone app open in Windows 10, click the Gear (Settings) icon in the bottom-left corner. Step 8: Verify that the Display My Phone Screen option is on. Step 9: Select the Phone Screen or Apps option on the left to begin. Editors' Recommendations Android has grown to become the largest computing platform on Earth, and this has led to a plethora of cool Android apps, some of which aren't available on iOS or other platforms. Even in this age of giant phones, you might occasionally want to use those apps on a bigger screen, like the one connected to your Windows PC. Fortunately, with a little leg work, you can run Android apps on a PC. There are a few different ways to go about it, each with its own strengths and weaknesses. Android StudioOne popular way to get Android apps running on a PC is to go through the Android emulator released by Google as part of the official Android Studio. The emulator can be used to create virtual devices running any version of Android you want with different resolutions and hardware configurations. This is a developer-oriented approach, so the setup process is a bit complicated. You'll need to grab the installer from Google's site and run through the setup process to download the platforms you want -- probably whatever the most recent version of Android happens to be at the time (7.1 at the time of publishing). Google has some pre-configured emulation options available in the menu for Nexus/Pixel devices, but you can set the parameters manually, too. Once you've booted your virtual device, you'll need to get apps installed, but the emulator is the bone stock open source version of Android -- no Google apps included. Since there's no Play Store, you need to do some file management. Take the APK you want to install (be it Google's app package or something else) and drop the file into the tools folder in your SDK directory. Then use the command prompt while your AVD is running to enter (in that directory) adb install filename.apk. The app should be added to the app list of your virtual device. The big upside here is that the emulator is unmodified Android right from the source. The way apps render in the emulator will be the same as they render on devices, and almost everything should run. It's great for testing app builds before loading them onto test devices. The biggest problem is that the emulator is sluggish enough that you won't want to make a habit of running apps in it. Games are out of the question as well. BlueStacksBlueStacks presents itself as just a way to run apps, but it actually runs a full (heavily modified) version of Android behind the scenes. Not only that, but it has the Play Store built-in, so you have instant access to all of your purchased content. It actually adds an entry to your Google Play device list, masquerading as an Android phone. The BlueStacks client will load up in a desktop window with different app categories like games, social, and so on. Clicking on an app or searching does something unexpected -- it brings up the full Play Store client as rendered on tablets. You can actually navigate around in this interface just as you would on a real Android device, which makes it clear there's a lot more to BlueStacks than the "App Player" front end. The main screen in BlueStacks with the app categories is just a custom home screen, so replacing it makes BlueStacks feel almost like a regular

Android device.Having full Play Store access means you won't be messing around with sideloading apps, and BlueStacks manages to run apps pretty well (and better if you have a CPU that supports hardware virtualization). Most games are playable, but keep in mind you'll have trouble operating many of them with a mouse. If your PC has a touch screen, you can still use apps and games that rely on more than one touch input. BlueStacks can essentially make a Windows tablet PC into a part-time Android tablet.The biggest issue with BlueStacks is that it's not running a standard Android build. All the alterations the company made to get apps working on a PC can cause issues — some apps fail to run or crash unexpectedly. This customized environment is also of little value as a development tool because there's no guarantee things will render the same on BlueStacks as they might on a real Android device without all the back-end modifications. It's also a freemium service with a \$2 pro subscription, or you can install a few sponsored apps.Windows Subsystem for AndroidIf you're looking to get multiple apps and games up and running on your computer with the minimum of effort, you'll want to be on Windows 11. Microsoft has partnered with Amazon to deploy the Windows Subsystem for Android, which is able to run Android apps on any sufficiently powerful PC. All you have to do to get started is open the (beta) Amazon Appstore client on Windows and sign in.Amazon's Appstore for Android is light on desirable apps even on a phone, and the Windows 11 beta has even fewer apps available. However, it's built into Windows and works pretty well. Performance is never amazing, but it's about the same whether you're using the Kindle app or playing a 3D game.Because the Windows Subsystem for Android is integrated with the system, you can use it to sideload and run apps from outside of Amazon's store. Keep in mind that some apps require Google's mobile services framework, which is not present in Windows. Plenty of apps still work, though.The first step in sideloading an app is to find the APK installer. I prefer to use APK Mirror, a reputable site with a huge database of free apps. Find the Android subsystem settings in Windows, and enable Developer Mode. This page should also show an IP address that you'll need later. Next, you will have to download Google's SDK Platform Tools, which will allow you to connect to the virtual Android machine in Windows.Next, you have to open a command prompt in the platform tools folder and connect to Android with adb connect IP_address, using the IP address from above. Then you can simply use adb install file_path, using the path to the APK file you downloaded. Some systems will require you to specify the IP address again as seen below.Sideloaded Android apps appear in your Windows app list just like apps installed via the Amazon Appstore.Link to WindowsSome Android phones (mostly Samsung devices) have enhanced support for Microsoft's Your Phone Windows client, offering access to your messages, notifications, photos, and yes, apps. The apps aren't technically running on the PC — they're mirrored from your phone. However, this system is very fleshed out and officially supported. Everything else we've talked about so far is limited or not for regular users, but you can be up and running with Link to Windows in a few minutes.You will need a phone that works with the latest Your Phone features. That includes the Samsung Galaxy S9 and newer, as well as the Microsoft Surface Duo. The feature will expand to more phones in the future, though.First, make sure you've got the Your Phone app on your Windows PC. Next, launch the Link to Windows client on your Samsung phone — it should be accessible under Advanced Features and from the quick settings. You'll have to scan a QR code on your computer with the phone and sign into your Microsoft account. And that's it.Your app list appears in the Your Phone app, and you can launch any of them. Your phone doesn't need to be plugged in, but Wi-Fi is recommended. Supported devices running Android 11 can run multiple apps side-by-side on Windows, but be aware that less powerful phones will be sluggish with more than one simultaneous app. Because the apps are running on your phone, you don't have to worry about incompatibility or missing Google components like you do with the Windows Subsystem for Android.So What's the Best Way?If you need to test something with the intention of putting it on other Android devices, the emulator is still the best way. This is best suited to developers as the configuration and management of apps is complicated. It's slow, but you'll be able to see how things will work on the real deal. If you're interested in getting more than a handful of apps running on your PC so you can actually use and enjoy them, the Windows Subsystem for Android is the best solution for most people.If you happen to have a phone compatible with Microsoft's latest Your Phone features, that's by far the easiest way to get Android apps on your PC. Many of these phones are expensive, so it's not worth buying one just for this single use case. However, if you're due for an upgrade and running Android apps on a PC is on your list of priorities, this might influence your decision. I still don't think you should buy the Surface Duo, though.Now read:

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