

Android 4.1 Phone and iTunes Music

Google announced a new version of Android ---Android 4.1 Jelly Bean. It may replace Android 4.0 Ice Cream Sandwich as Google's most current version of Android.

Android 4.1 has been improved with some new features, such as re-sizable widgets, customizable notifications, and a smoother overall experience just to name a few things.

There is an outstanding improvement for Jelly Bean that it brings a much smoother performance to the table through Project Butter called Google Now, a voice assistant similar to Apple's Siri. It can type by voice offline as well.

Another important feature for Android 4.1 is when or whether it will be hitting specific Android phones just like all the other Android updates. Right now, some companies have provided some upgrading information.

Only the Nexus and the Motorola Xoom devices are equipped with the upgrade now, so the following is a list of some devices promising to be upgraded to Android 4.1. It may help other devices users keep track when the updates are coming from the various manufacturers.

Samsung Galaxy Nexus



Google Nexus S



1. Jelly Bean is available for Samsung Galaxy Nexus and Google Nexus S.

2. Samsung

Samsung Galaxy Nexus, Samsung Galaxy S II – (Galaxy S II, Epic 4G Touch), Samsung Galaxy S III, Samsung Nexus S (Nexus S 4G), Samsung Galaxy Note

3. HTC

HTC Amaze 4G, HTC Droid Incredible 2, HTC EVO 3D, HTC EVO 4G LTE, HTC One S, HTC One X, HTC Rezound, HTC Sensation 4G, HTC ThunderBolt

4. Sony

Sony Xperia Ion

5. LG

LG G2x

6. Motorola

Motorola Atrix 4G, Motorola Atrix 2, Motorola Droid 4, Motorola Droid Bionic, Motorola Droid RAZR, Motorola Droid RAZR MAXX

Have you ever come across such problem that whether you upgrade your Android devices or not, you cannot transfer music purchased from iTunes stores to your Android phone successfully? Do you know why? The following content will tell you more information on iTunes music incompatible with non-Apple devices, because those songs are under DRM protection. If you would like to play them in your Android devices, you need to remove the protection.

DRM (Digital Rights Management) is set up as a system for the protection of digital works. This type of technology and system prevents users from doing things with content that the content providers do not permit them to do. DRM is any of several arrangements which allow a vendor of content in a digital form to control the material and restrict usage in various ways that can be specified by the vendor.

All of the systems for DRM are based on the identification and recording of information about the copyright owners and about the copyright associated with the content. The use of metadata and rights management information (RMI) or Digital Object Identifiers (DOI) is used to manage this. Metadata is information that is held about a particular piece of content. They are commonly structured around a set of keywords and data categories. Metadata keywords are created when they are needed and names that actually make sense like. The most common protection given by DRM is through encryption and digital watermarking. Apple DRM copy protection belongs to encryption.

Apple DRM copy protection files are also called "protected AAC" with file extension of ".m4p". Such M4P music files can be played on Apple products only, such as iPod, iPad, iPhone, iTunes, etc. If you would remove the DRM protection of iTunes music rather than buy those songs once again, you need a third-party program. There are both free and paid ones. The article titled [4 Ways to Sync iTunes Music to Android Phone](http://m4ptomp3.tuneclone.com/4-ways-to-sync-itunes-music-to-android-phone.html) may give you some hints. (<http://m4ptomp3.tuneclone.com/4-ways-to-sync-itunes-music-to-android-phone.html>)