

# Android Versions



Cupcake  
1.5



Donut  
1.6



Eclair  
2.0/2.1



Froyo  
2.2



Gingerbread  
2.3



Honeycomb  
3.0/3.1



Ice Cream Sandwich  
4.0



Jelly Bean  
4.1/4.2/4.3



KitKat  
4.4



Lollipop  
5.0



Marshmallow  
6.0



Nougat  
7.0



Oreo  
8.0



Pie  
9.0



android  
10



android

# Android 1.0: Alpha (API 1)

- ▶ Google Maps, browser, calendar
- ▶ Camera and scroll down the notification bar
- ▶ Gmail integration, Contacts, and Google Synchronization.
- ▶ Wireless supports – Wi-Fi and Bluetooth.

# Android 1.1: Beta (API 2)

- ▶ Display details and reviews for locations
- ▶ Add Save attachment in the message
- ▶ Provide detailed information by clicking on the business

# Android 1.5: Cupcake (API 3)

- ▶ on-screen keyboard and search function
- ▶ Uploading videos and images
- ▶ Copy and paste facility and video recordings
- ▶ Support for MPEG4 and 3GP formats

# Android 1.6: Donut (API 4)

- ▶ Gallery and Camera quick toggling features
- ▶ Technology support for text-to-speech engine
- ▶ Speed improvements for camera and searching applications
- ▶ Quick Search Box

# Android 2.0: Eclair (API 5)

- ▶ Update UI
- ▶ Support Bluetooth 2.1
- ▶ Improve Google map
- ▶ Minor API Changes
- ▶ Support Live and animated Wallpapers
- ▶ Ability to add contact's photo and select to call, message or email

# Android 2.2: Froyo (API 8)

- ▶ Support for Animated GIF and multiple keyboard languages
- ▶ Speed and performance improvements
- ▶ Support numeric & alphanumeric passwords to enhance security
- ▶ Increased Compatibility with car kits and headsets
- ▶ Wi-Fi Support Hotspot functionality

# Android 2.3: Gingerbread (API 9)

- ▶ Improve Copy and Paste Facility
- ▶ Updated UI design
- ▶ Support for VP8 and WebM video format
- ▶ Video calling Supports
- ▶ Easy to use a keyboard with faster and intuitive typing



# Android 3.0: Honeycomb (API 11)

- ▶ Gmail, contacts, camera and gallery improvements
- ▶ Support for passwords with complex characters
- ▶ Action bar for application control
- ▶ Support Adobe Flash in Browser
- ▶ More sensor support
- ▶ High-performance Wi-Fi Connections and Lock

# Android 4.0: Ice Cream Sandwich (API 14)

- ▶ Spelling check feature
- ▶ Photo Decor facility
- ▶ Unlocking with face-fixing.
- ▶ Easy to switch apps
- ▶ Improved video recording with high resolution
- ▶ Better Camera performance
- ▶ Ability to open up to 16 tabs in the web browser

# Android 4.1: Jelly Bean (API 16)

- ▶ Expandable notifications
- ▶ Improved camera app
- ▶ Security improvements
- ▶ Supporting Bluetooth with low energy
- ▶ Google displays relevant content based on your search history
- ▶ Native emoji support

# Android 4.4: KitKat (API 19)

- ▶ Screen Recording
- ▶ Improvement in Camera
- ▶ UI updates for alarm and google map navigations
- ▶ Cartoonish emojis to the keyboard
- ▶ Google Assistant

# Android 5.0: Lollipop (API 21)

- ▶ Better device protection
- ▶ Access app without unlock
- ▶ Better and improved UI
- ▶ Built-in battery saver feature
- ▶ High definition of voice call

# Android 6.0: Marshmallow (API 23)

- ▶ Support for Fingerprint readers
- ▶ Type C USB support
- ▶ Multi-window experience
- ▶ 'Sleep Mode' for saving battery life
- ▶ Improved Copy-pasting

# Android 7.0: Nougat (API 24)

- ▶ Provide multitasking and split-screen mode
- ▶ Storage manager enhancements
- ▶ Display touch enhancements
- ▶ Better setting application
- ▶ Inline reply to messages and notifications without opening applications

# Android 8.0: Oreo (API 26)

- ▶ Password autofill
- ▶ Auto-enable Wi-Fi
- ▶ Downloadable fonts
- ▶ Multi-display support
- ▶ Google Play support and new emoji styling
- ▶ Adaptive icons and smart text selection



# Android 9: Pie (API 28)

- ▶ [Artificial intelligence \(AI\)](#) compatibility
- ▶ external camera compatibility
- ▶ Easy to take Screenshot
- ▶ Easier Screen Rotation and edge to edge screens support
- ▶ Volume and Sound enhancements
- ▶ Improved Security features for extra protection
- ▶ Android backups and privacy enhancements
- ▶ More Notification Information and easier text selection

# Android 10: Android Q (API 29)

- ▶ Support for foldable smartphones with flexible displays
- ▶ Dark mode for eyes comfortability
- ▶ Navigation control over gesture quicker and intuitive ever
- ▶ Sound amplifier with more clear sound
- ▶ Updated Emoji
- ▶ Undo app removal
- ▶ Better notification control with many options

# Android 11: (API 30)

- ▶ Native screen recording
- ▶ Muting notifications during video
- ▶ Increase touch sensitivity
- ▶ Notification History
- ▶ New text selection mode from one app to another
- ▶ Undoing recently cleared applications
- ▶ Airplane mode doesn't kill Bluetooth anymore
- ▶ App pinning in the share menu
- ▶ Better one-time permissions