

# iOS Testing Guides

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# 1. Requirements

Devices with different screen size and iOS operations system are needed for the development of APP. This documents provides the usual devices information can be used for APP testing.

## 2. Test Device List

### 2.1 iPhone

#### 2.1.1 iPhone 7 plus

Useful	More
Screen: 5.5 inches / 1920pix*1080pix	Release time : 16/10/2016
Camera: front-700w(pix), bear-2400w(pix)	Colors : Multi
CPU: A10 + M10 + 1.8GHz	3D-Touch+TouchID+FaceDetect
OS: ios10.0+	Network: 4G/3G/2G
Core: 64bit - 4core	ROM: 32GB/128GB/256GB
RAM:3GB	Bluetooth: 4.2

#### 2.1.2 iPhone 7

Useful	More
Screen: 4.7 inches / 1334pix*750pix	Release time : 16/09/2016
Camera: front-700w(pix), bear-1200w(pix)	Colors : Multi
CPU: A10 + M10 + 1.8GHz	3D-Touch+TouchID+FaceDetect
OS: ios10.0+	Network: 4G/3G/2G
Core: 64bit - 4core	ROM: 32GB/128GB/256GB
RAM:2GB	Bluetooth: 4.2

#### 2.1.3 iPhone SE

Useful	More
Screen: 4 inches / 1136pix*640pix	Release time : 03/21/2016
Camera: front-120w(pix), bear-1200w(pix)	Colors : Multi
CPU: A9 + M9 + 1.8GHz	3D-Touch+TouchID+FaceDetect
OS: ios9.3+	Network: 4G/3G/2G
Core: 64bit	ROM: 16GB/64GB
RAM:2GB	Bluetooth: 4.2

#### 2.1.4 iPhone 6S plus

Useful	More
Screen: 5.5 inches / 1920pix*1080pix	Release time : 09/10/2015
Camera: front-500w(pix), bear-1200w(pix)	Colors : Multi

CPU: A9 + M9 + 1.8GHz	3D-Touch+TouchID+FaceDetect
OS: ios9.0+	Network: 4G/3G/2G
Core: 64bit	ROM: 16GB/64GB/128GB
RAM:2GB	Bluetooth: 4.2

### 2.1.5 iPhone 6S

Useful	More
Screen: 4.7 inches / 1334pix*750pix	Release time : 09/09/2015
Camera: front-500w(pix), bear-1200w(pix)	Colors : Multi
CPU: A9 + M9 + 1.8GHz	3D-Touch+TouchID+FaceDetect
OS: ios9.0+	Network: 4G/3G/2G
Core: 64bit	ROM: 16GB/64GB/128GB
RAM:2GB	Bluetooth: 4.2

### 2.1.6 iPhone 6 plus

Useful	More
Screen: 5.5 inches / 1920pix*1080pix	Release time : 09/10/2014
Camera: front-120w(pix), bear-800w(pix)	Colors : Multi
CPU: A8 + M8 + 1.4GHz	TouchID+FaceDetect
OS: ios8.0+	Network: 4G/3G/2G
Core: 64bit	ROM: 16GB/64GB/128GB
RAM:1GB	Bluetooth: 4.0

### 2.1.7 iPhone 6

Useful	More
Screen: 4.7 inches / 1334pix*750pix	Release time : 09/09/2014
Camera: front-120w(pix), bear-800w(pix)	Colors : Multi
CPU: A8 + M8 + 1.4GHz	TouchID+FaceDetect
OS: ios8.0+	Network: 4G/3G/2G
Core: 64bit	ROM: 16GB/64GB/128GB
RAM:1GB	Bluetooth: 4.0

### 2.1.8 iPhone 5S

Useful	More
Screen: 4 inches / 1136pix*640pix	Release time : 09/10/2013
Camera: front-120w(pix), bear-800w(pix)	ROM: 16GB/32GB/64GB
CPU: A7 + M7 + 1.3GHz	TouchID+FaceDetect
OS: ios7.0+	Network: 4G/3G/2G
RAM:1GB	Bluetooth: 4.0

## 2.1.9 iPhone 5C

Useful	More
Screen: 4 inches / 1136pix*640pix	Release time : 09/10/2013
Camera: front-120w(pix), bear-800w(pix)	ROM: 8GB/16GB/32GB/64GB
CPU: A6 +1.0GHz	Network: 4G/3G/2G
OS: ios7.0+	Bluetooth: 4.0
RAM:1GB	

## 2.1.10 iPhone 5

Useful	More
Screen: 4 inches / 1136pix*640pix	Release time : 09/09/2012
Camera: front-120w(pix), bear-800w(pix)	ROM: 16GB/32GB/64GB
CPU: A6 + 1.0GHz	Network: 3G/2G
OS: ios6.0+	Bluetooth: 4.0
RAM:1GB	

## 2.1.11 Other ignore

## 2.2 iPad

### 2.2.1 iPad

表 2. iPad 测试机型清单

设备名称	发布时间	支持系统版本	屏幕尺寸
iPad 1	2010.01.27	iOS 5.1.1 前	9.7
iPad 2	2011.05.06	iOS 4.3.3+	9.7
iPad (3)	2012.03.08	iOS 5.1+	9.7
iPad 4	2012.10.24	iOS 6.0+	9.7
iPad mini 1	2012.10.23	iOS 6.0+	7.9
iPad mini 2	2013.10.22	iOS 7.0+	7.9
iPad Air	2013.10.23	iOS 7.0+	9.7
iPad Air 2	2014.10.17	iOS 8.0+	9.7
iPad mini 3	2014.10.16	iOS 8.0+	7.9

## 3. Device ARM Architectures

Table 3.1 default arm processor instruction set of Apple devices (2016.06.01)

ARM	Devices
arm64/armv8	iPhone 5S/6/6 plus/6S/6S plus/SE/7/7 plus iPad Air, iPad Air 2, iPad mini 2/3/4(Retina Display)
armv7s	iPhone 5/5C, iPad 4(Retina Display)
armv7	iPhone 3GS/4/4S, iPod Touch 3G/4G/5G iPad, iPad2, iPad3(The New iPad), iPad mini
armv6	iPhone, iPhone 2G/3G, iPod touch 1G/2G

All of Armv6、armv7、armv7s、arm64 are arm processor instruction set, downward compatibility (向下兼容)。即 armv7 compatible with armv6。 Arm only supports on devices, not supports simulator. In simulator environment, using i386 (32bit) or x86\_64(64bit).

Arm6 is given up after XCode4.5.