

Apple TV

Sun Lakes Apple Users Group
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What is Apple TV?

- A device that delivers live and on-demand access to movies, TV shows, sports, your music and your photos right on your HDTV
- Enjoy a wide variety of entertainment including the latest content, games, apps, and more from iTunes, Apple Music, and the App Store for Apple TV.
- For more information, see the [Apple TV webpage](#). See also [AirPlay](#).

Apple TV

- Apple TV was first introduced in 2007 as a “hobby project”.
- Now, 12 years later, we have Version 4 which has evolved into a real product that does many things.
- It can be the central hub for entertainment.
- The actual Apple TV is just a small black box and the remote is very simple with 6 buttons and a touchpad.
- The Apple TV Box connects to your wifi and then via an HDMI cable to your TV.

Definitions

- **Cut The Cord**
- **Streaming**
- **Over the Air (Antenna)**
- **Apps**
- **Real Time Streaming TV**
- **HDMI (High Definition Multimedia Interface)**
- **TV Provider (Cable, Direct TV, Dish)**
- **Set Top Box**
- **Smart TV**
- **Streaming Boxes (Apple TV, Roku, Amazon Fire, Chromecast)**

Cut The Cord

- Cord cutting means that a TV viewer can cancel cable or satellite service and receive TV programs via different options.
- In some ways, we are going back in time to before cable, but in other ways we are leaving cable behind and moving on.

Streaming

- **Streaming** is a technology used to deliver content to TVs, computers, and mobile devices over the internet.
- **Streaming** transmits data, usually audio and video, as a continuous flow, which allows users to begin to watch or listen almost immediately.
- Recording shows becomes unnecessary
(in most cases)

Over the Air (Antenna)

⚠ WARNING: These results are only an estimate and every home is unique in terms of its terrain, obstacles, and installation details which will impact reception.

[Frequently Asked Questions](#)

TV Station	Network	OTA Channel	Location	Miles Away	Direction	Signal
KTVK + 2 subchannels	INDEPENDENT	3	PHOENIX, AZ	13	NW	530 Mhz UHF
KPHO + 1 subchannel	CBS	5	PHOENIX, AZ	13	NW	488 Mhz UHF
KAET	PBS	8	PHOENIX, AZ	13	NW	180 Mhz VHF-HI
KSAZ + 3 subchannels	FOX	10	PHOENIX, AZ	13	NW	192 Mhz VHF-HI
KPNX + 3 subchannels	NBC	12	MESA, AZ	13	NW	204 Mhz VHF-HI
KNXV + 2 subchannels	ABC	15	PHOENIX, AZ	13	NW	476 Mhz UHF
KPAZ + 4 subchannels	INDEPENDENT	21	PHOENIX, AZ	13	NW	506 Mhz UHF
KTVW-DT	INDEPENDENT	33	PHOENIX, AZ	13	NW	584 Mhz UHF
KTAZ + 2 subchannels	INDEPENDENT	39	PHOENIX, AZ	13	NW	560 Mhz UHF
KUTP + 2 subchannels	INDEPENDENT	45	PHOENIX, AZ	13	NW	542 Mhz UHF
KPPX	INDEPENDENT	51	TOLLESON, AZ	13	NW	572 Mhz UHF
KASW + 3 subchannels	CW	61	PHOENIX, AZ	13	NW	548 Mhz UHF

<https://nocable.org/availability-report/zip/85248-chandler-az>

Apps

- **Apple TV**, starting with Version 4, has its own App Store just like the iPhone, iPad, iWatch, and Mac
- Most apps are free to download but many require a subscription (i.e. Netflix, Hulu, DirectTV Now)
- Smart TVs may not be upgradeable with new apps



Total iOS Apps	iPad Apps	Apple Watch Apps	Apple TV Apps
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Feb. 2019 - 2,200,000	March 2016 - 1,000,000	July 2017 - 19,000	Oct. 2016 - 8,000
March 2018 - 2,100,000	Jan. 2015 - 725,000	Sept. 2015 - 10,000	June 2016 - 6,000
May 2017 - 2,200,000	Oct. 2014 - 675,000	July 2015 - 8,500	March 2016 - 5,000
June 2016 - 2,000,000	Oct. 2013 - 475,000	June 2015 - 6,000	
June 2015 - 1,500,000	June 2013 - 375,000		
Jan. 2015 - 1,400,000	Jan. 2013 - 300,000		
Sept. 2014 - 1,300,000	Sept. 2012 - 250,000		
June 2014 - 1,200,000	June 2012 - 225,000		
Oct. 2013 - 1,000,000	April 2012 - 200,000		
June 2013 - 900,000	Oct. 2011 - 140,000		

Ad



Real Time Streaming

- Real Time Streaming provides TV shows as they air
 - This is very similar to Cable or Satellite
 - Good for Sporting events and other Live events
 - The main difference is this requires just internet
- Top providers are:
 - DirectTV Now, Sling, YouTube TV
 - Antenna

HDMI Cable

- **High Definition MultiMedia Interface Cable**
- This is the new standard for connecting to TV
- Eliminates Coax, RCA Jacks, Audio Cables, ETC.
- One cable does it all

Old School TV Providers

- **Cable**

- ◆ Orbitel, Cox

- **Direct TV, Dish Network**

- ◆ Requires a roof top dish

- All require expensive rentals of a set top box for each TV

- Requires multiple remotes to navigate

Set Top Box

- **Old School Set Top Box**

- ♣ Anyone with Cable or Satellite will have set top box(es)

- **Streaming Set Top Box**

- ♣ Apple TV, Amazon Fire, Roku, Chromecast

Smart TV

- **Not required with Apple TV**
- **Smart TVs may not be up-dateable**
 - ❖ ***You are limited with the apps provided by manufacturers***

Streaming Options

- Require either a Smart TV or a Streaming Box
- Streaming Box Options:
 - ◆ Apple TV, Roku, Amazon Fire, Chromecast
- Streaming Box requires a one time purchase fee (no rental)

What Apple TV Can Do

- Cut the cord - No more cable or satellite service needed
- Replace Set Top Box - Buy once and no monthly rental
- No need for Smart TV - Add all smart functions and more
- Requires HDMI Port - old TVs may not work
- Once set up, only remote needed is the Apple Remote

What to Buy

- **Apple TV 4th Generation, HD or 4k**
- Older generations will work but with reduced functionality

Apple TV App

The new Apple TV App

Now discovering the best of what's on — from every way you watch TV — is easier than ever. The new Apple TV app puts all your TV in one place. On all your screens.

Available In May

See the preview

Apps for Streaming Content

- **Netflix** - Movies, TV Series, Original Content
- **Hulu** - TV Series, most networks except CBS, Original Content
- **Amazon Prime** - Movies, TV Series, Original Content
- **HBO, Showtime, Starz** - Movies, Original Content
- **CBS** - All CBS Shows, plus extras not shown via broadcast
- **Acorn** - Sort of like British Netflix
- **PBS, NBC, ABC, CW, TNT**
- **Music** - Pandora, Spotify, XM, iHeart

App Store Categories

- Games
- Kids
- Education
- Entertainment
- Food & Drink
- Health & Fitness
- Lifestyle
- Music
- News
- Photo & Video
- Shopping
- Sports

Apple Functions

- Music
- Photos (Screen Saver or Viewing)
- Computers
- Itunes
- Air Play
- Apple TV
- Siri

Next Week

- How To Set up Apple TV
- Apple TV Settings
- Use Apps - Requests Welcome
- Hands On Practice