

The ViewBoards have myviewboard.com/display that works with Macs (in Chrome, not Safari) as well as PCs and Chromebooks. To project your Windows 10 device to another Windows 10 device, you can use Windows Connect.

To project Apple devices through your computer to your projector or to your ViewSonic, there are a few options. An Apple TV is the most expensive way for iOS/iPad devices (**and doesn't appear to work with district wi-fi, but see below for a solution!**). There is also software you can install on your computer that allows your iPad Airplay to talk to your computer wirelessly.

Using a newer AppleTV (4th gen or newer):

<https://robotpoweredhome.com/airplay-mirror-apple-tv-without-wifi/>

1. You don't need to have the AppleTV on the network. It uses Bluetooth to connect.
2. Turn OFF wifi on your iPhone/iPad (and data, if you have it)
3. On your iPhone/iPad, swipe down to get to Screen Mirroring and your AppleTV should be on the list.

Another website with directions: <https://appletoolbox.com/connect-appletv-without-wifi-how-to/>

For 3rd gen (Rev A model A1469) AppleTVs (these directions may no longer work):

1. Unjoin the network on your Apple TV
2. Connect your AppleTV to your projector with an HDMI cable
3. Connect your iPad to the CVUSD wi-fi network and make sure Bluetooth is on. Then go to AirPlay/Screen Mirroring and VOILA! You may need to restart your AppleTV and your iPhone/iPad.

Note: It doesn't seem to work with the YouTube app, but did play YouTube by going to the CVUSD website and clicking on the YouTube for CVUSD link. It did not work with Amazon Video (probably due to the heavy streaming). Also, if you plug in an ethernet cable to the Apple TV, you can use the apps such as YouTube, but cannot use AirPlay.

Displaying iPad/iPhone to Apple TV without wi-fi

You'll need:

- 1) An iPad, iPhone or iPod touch. Make sure you have updated your operating system to iOS8 or higher
- 2) A 3rd generation Apple TV Rev A (or newer). You can determine if you have the correct Apple TV by looking at the back. Close to the serial number you will see an EMC number. If this number says **2633** then your Apple TV will mirror your mobile devices without Wi-Fi.

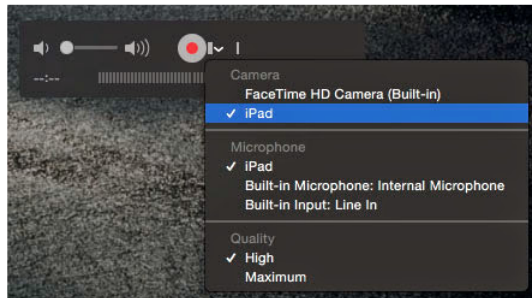
Follow these steps to set up AirPlay without Wi-Fi

- 1) Plug in your Apple TV to a projector or TV with HDMI capabilities.
- 2) Update your mobile device to iOS8 or newer and also update your Apple TV software to the most recent version.
- 3) Reboot both your device and your Apple TV.
- 4) If you have established a Wi-Fi network on your Apple TV, go to your settings and forget the Wi-Fi network.
- 5) Make sure Bluetooth is enabled on both your mobile device and your Apple TV.

- 6) Go to the Control Center Menu to access AirPlay by swiping up on the bottom of your device.
- 7) Push the AirPlay button. AppleTV should show up. If it does not, restart your mobile device and Apple TV and try again.
- 8) Turn "Mirror" on.

MACBOOK

If you have a Macbook running 10.10 (Yosemite) or newer and an iPad with iOS 8 or later, you can connect your iPad to your Macbook using the lightning cable and project through Quicktime. You are tethered to the computer and can't walk around.



The advantage of this approach over wireless solutions that use Airplay is that it doesn't require access to wifi.

<http://blog.gilbertconsulting.com/2015/01/the-best-way-to-mirror-ipad-screen-to.html>

Another option is Mirroring360 <http://www.mirroring360.com/> which has a free trial. The tech trainers have this, if you'd like to see how it works. The license can only be moved between computers once so while it is inexpensive (last checked \$12), realize the 2nd time you get a new computer, you'd have to buy a new license.

A similar option that also works with other devices is AirServer.

<https://www.airserver.com/Compare>