# HEIC & HEVC

# What Are They?

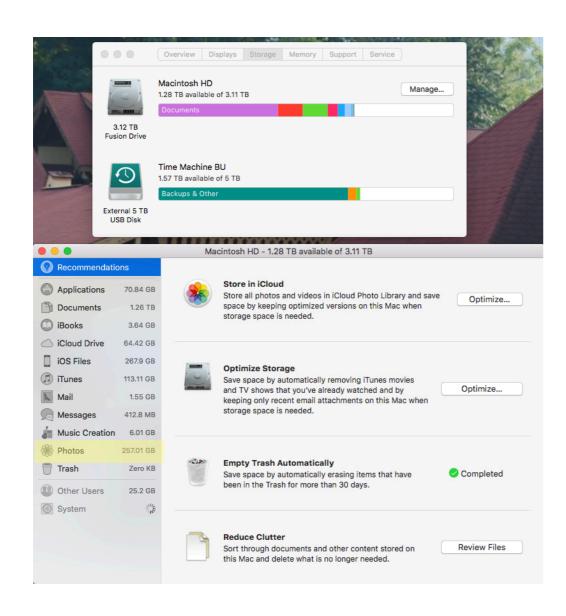
- High Efficiency Image Codec (HEIC)
  - Replaces JPG when High Efficiency is selected in the Settings > Camera > Format settings on your IOS device
  - The same resolution photo is stored with about a 50% reduction in size
  - When exported to a device that does not support HEIC, it is converted to JPG on the fly
- High Efficiency Video Codec (HEVC)
  - Called h.265 and replaces the h.264 video format (video still has .mov extension)
  - Also reduces file size around 50%
    - On iPhone X, video shot at 4K 60 fps and 1080p at 240 fps require High Efficiency

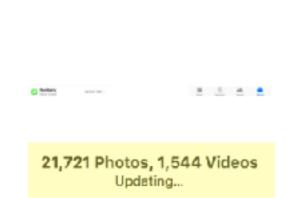
## What Devices Support the New Codecs?

- IOS devices running IOS 11
- Macs running macOS High Sierra
  - Some older systems may not be supported
- Photos and videos already in Photos are not converted to the new codec
  - New photos and videos are recorded and stored in the new codec
- I believe devices restored from iCloud convert the files when they are downloaded to the new device
  - I restored my iPhone X from the iCloud backup of my iPhone 7 Plus
  - Storage used on old iPhone was 200 GB
  - Storage used on new iPhone is 34.8 GB with the same data

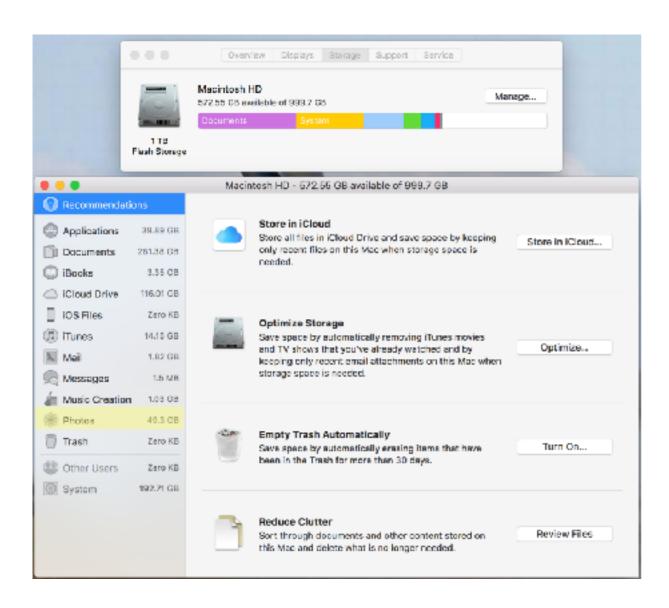


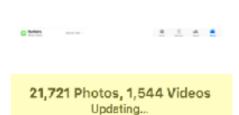
#### 27" iMac



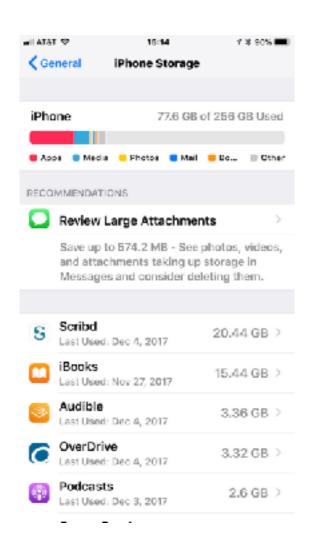


#### MacBook Pro

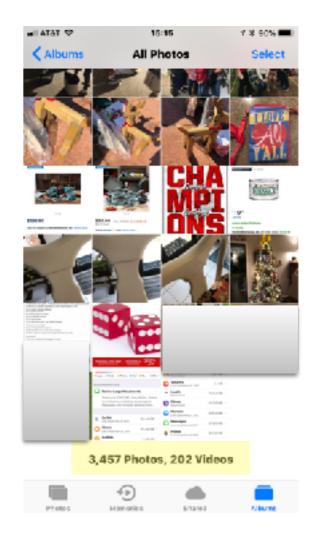




## iPhone 8 Plus



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•	Health Never Used	724.4 MB >
*	iMovie Never Used	652.8 MB >
	Keynate Last Used: Nov 21, 2017	605.4 MB >
	Messages Last Used: Dec 4, 2017	579.6 MB >
*	Photos Last Used: Dec 4, 2017	567.8 MB >
	Pages Last Used: Nov 21, 2017	391.4 MB >
ď	Wonders Never Used	388.3 MB >
	Numbers Never Used	365.9 MB >



### iPhone X

