

HEIC & HEVC

What Are They?

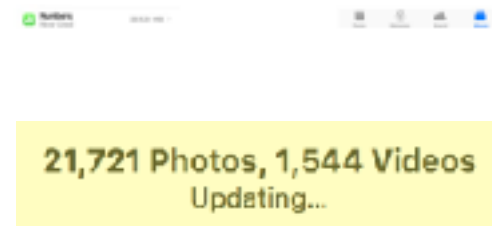
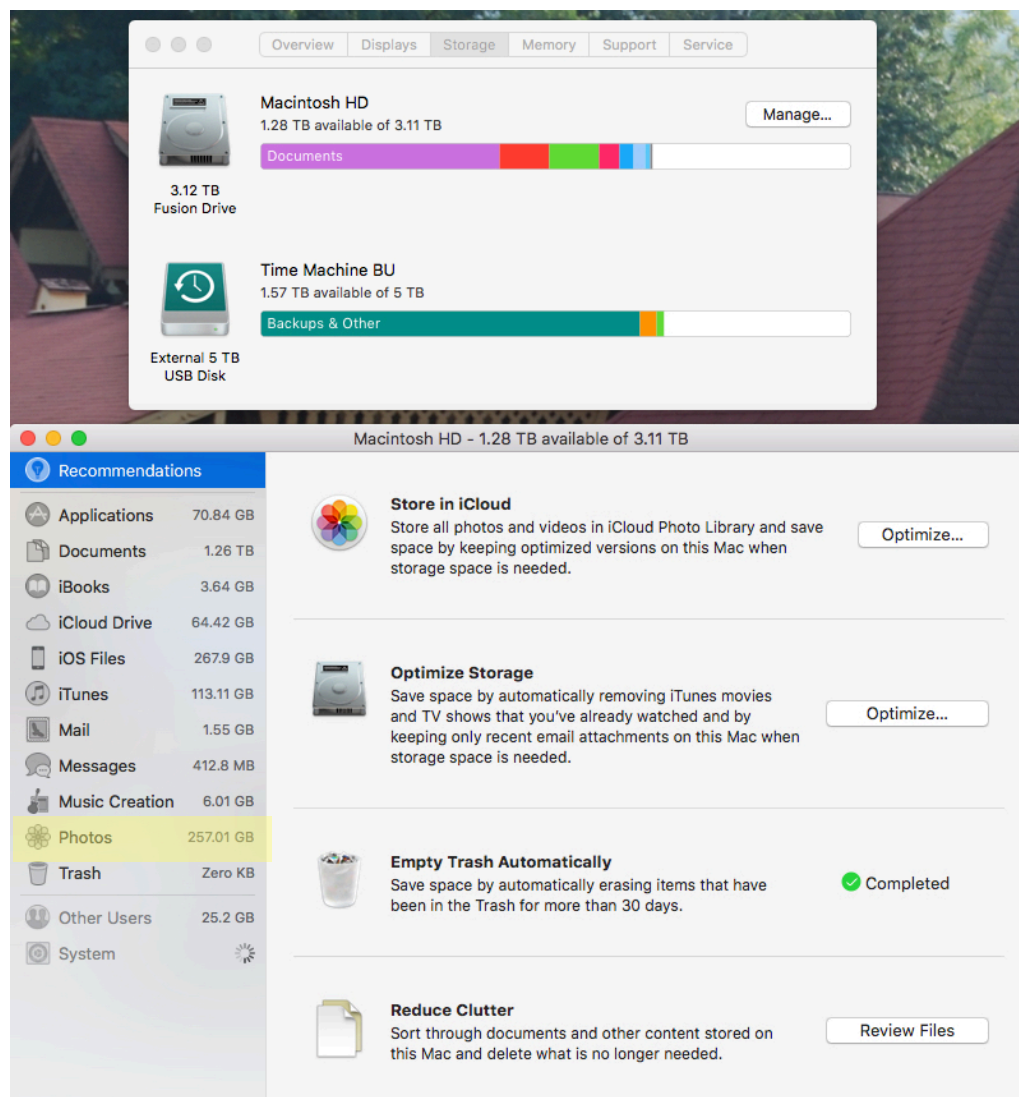
- High Efficiency Image Codec (HEIC)
 - Replaces JPG when High Efficiency is selected in the Settings > Camera > Format settings on your IOS device
 - The same resolution photo is stored with about a 50% reduction in size
 - When exported to a device that does not support HEIC, it is converted to JPG 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?

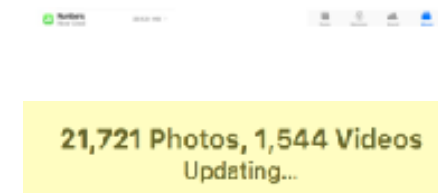
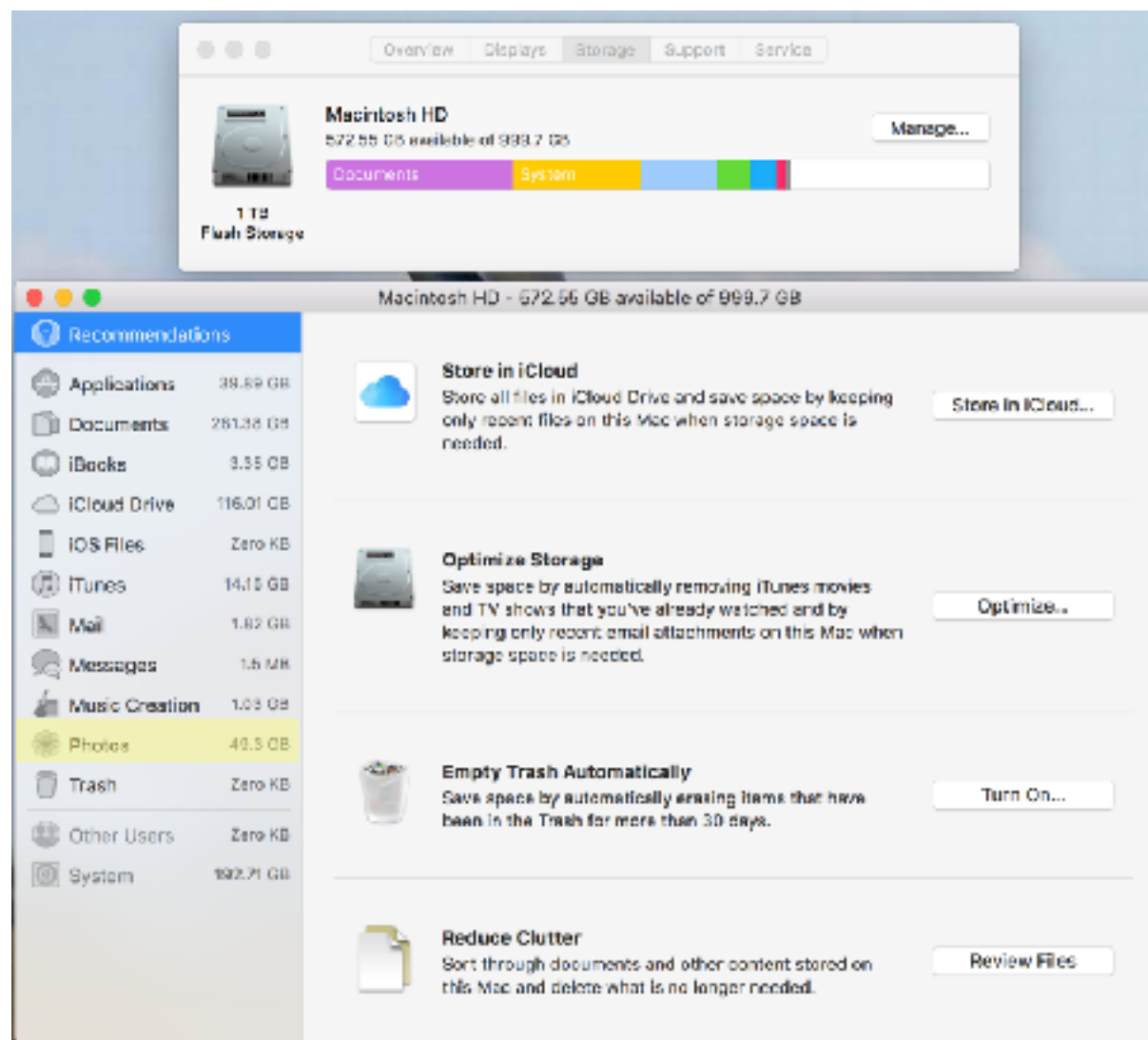
- iOS devices running iOS 11
- Macs running macOS High Sierra
 - Some older systems may not be supported
- Photos and videos already in Photos are not converted to the new codec
 - New photos and videos are recorded and stored in the new codec
- I believe devices restored from iCloud convert the files 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

Real World Effect On My Apple Devices

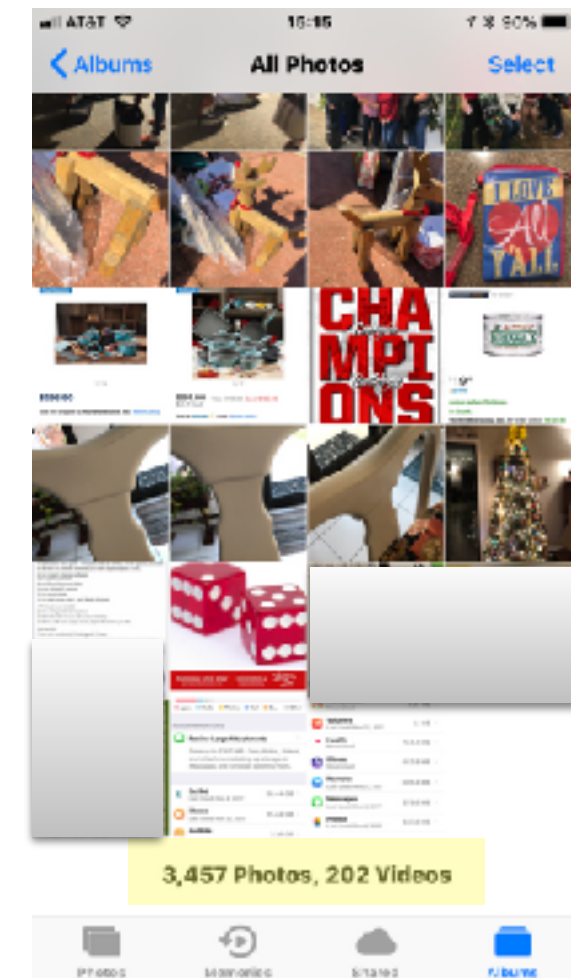
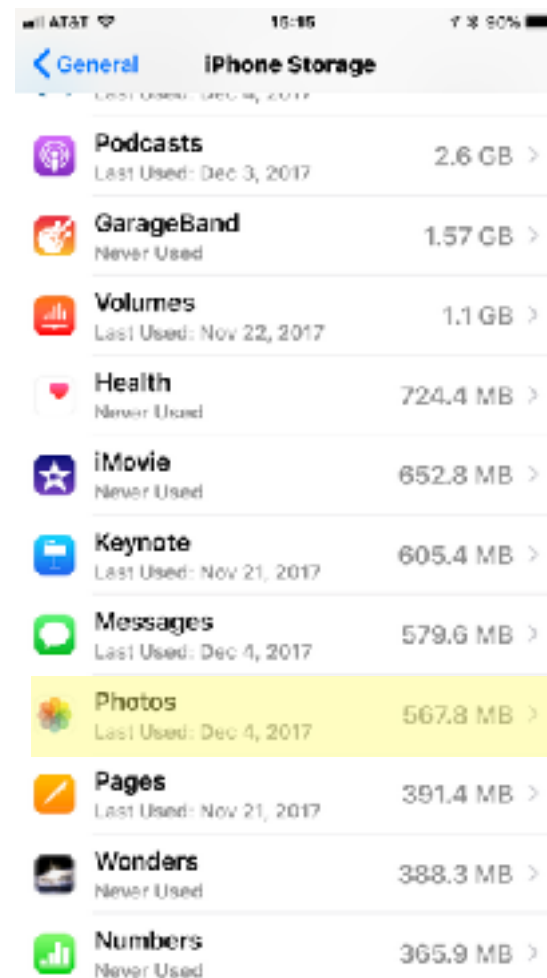
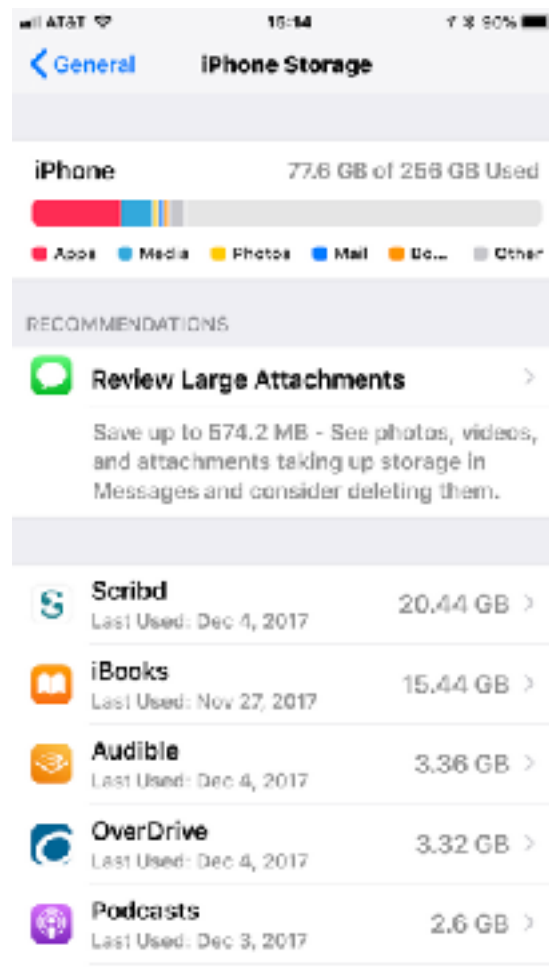
27" iMac



MacBook Pro



iPhone 8 Plus



iPhone X

