

Photos

- and your mobile devices -

Topics



- Managing your storage
- Important settings
- How iOS manages photos and videos
- Getting photos from here to there
- Handy Tools

How's your storage?

- Using 14.4 GB on device, 3.5 GB available on iCloud
- Photos & videos requiring 994 MB

STORAGE	
Used	14.48 GB
Available	44.58 GB
Manage Storage	>

ICLOUD	
Total Storage	50 GB
Available	46.29 GB
Manage Storage	>

Used	14.48 GB
Available	44.58 GB
 Music	1.74 GB >
 Photos & Camera	994.8 MB >

Multi-device storage

- 3 devices using 3.7 GB (1.3+1.9+.36+.14)
- Could change my plan back to 5GB

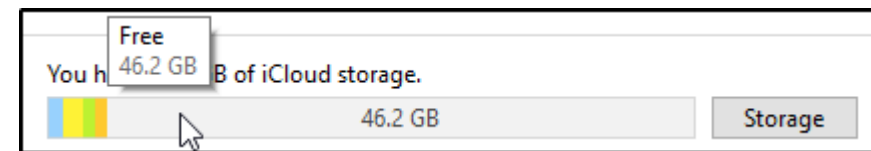
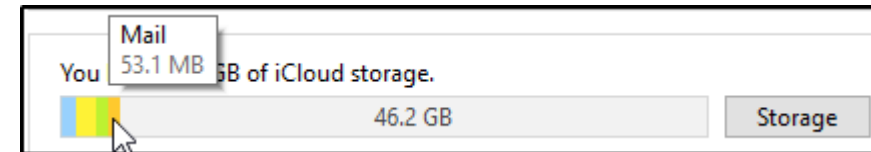
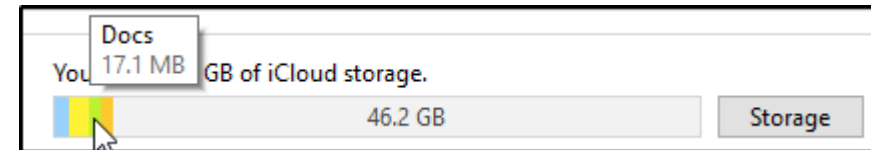
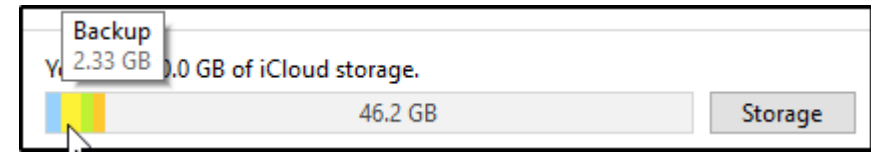
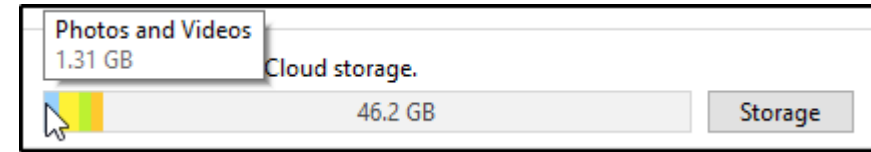
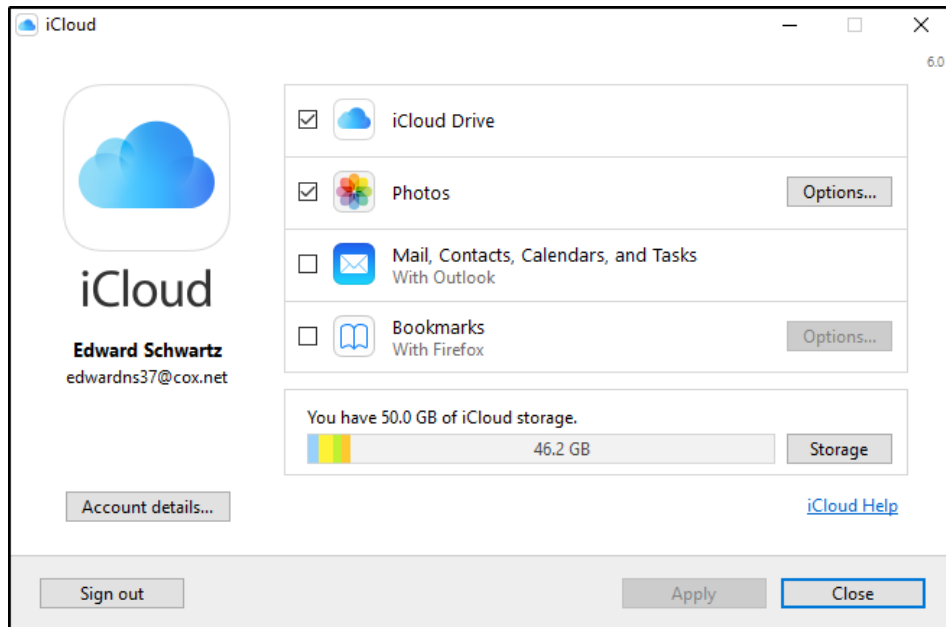


A screenshot of an iCloud storage management interface. At the top, the 'iCloud Photo Library' is listed with a 1.3 GB usage and a chevron icon. Below this is a section titled 'BACKUPS' with a total usage of 2.4 GB. Under the backups section, three items are listed: 'Edward's iPad' (1.9 GB), 'Linda's iPad' (360.7 MB), and 'iPhone This iPhone' (143.2 MB). Each item has a small device icon and a chevron icon to its right.

	iCloud Photo Library	1.3 GB	>
BACKUPS		2.4 GB	
	Edward's iPad	1.9 GB	>
	Linda's iPad	360.7 MB	>
	iPhone This iPhone	143.2 MB	>

What's in your Cloud?

- Install iCloud for Windows
- Use iCloud icon to view Settings



Two important settings

1. Is Backup enabled
 - Should be On
2. iCloud Photo Library “On” or “Off”
 - Establishes your overall strategy

Backup settings

- Go to Settings, iCloud
- Scroll down to Backup
- Can turn On or Off here
- iCloud offers 5 GB for free
- 50 GB costs \$.50/month
- Can change plan on a monthly basis

iCloud Photo Library

- Go to Settings, iCloud
- Tab Photos and turn on iCloud Photo Library



iCloud Photo Library On vs. Off

- With iCloud Photo Library on
 - All photos available online at iCloud.com
 - If you download from iCloud.com
 - Only JPGs included (original quality)
 - If you use the iCloud Control Panel for Windows
 - JPGs and RAW included (original quality)
- With iCloud Photo Library off
 - You now have a Photo Stream and Camera Roll
 - Photos are not available at iCloud.com

iCloud Photo Library

- Stores all your photos and personal videos and has no limits as long as you have the iCloud storage space to support it
- Accessible on iPhone, iPad, Mac, and online via [iCloud.com](https://www.icloud.com)
- Stores full-resolution photos in the cloud and on your devices and supports many file formats including JPG, RAW, PNG, GIF, TIFF, and others
- You cannot sync albums and photos from your Mac or PC via iTunes when using iCloud Photo Library, and any pre-existing sync'd albums will be removed when you enable the service
- Photos not part of backup but stored on iCloud

Photo Stream (with iCloud Photo Library off)

- Stores your last 30 days of photos and lets you collect up to 1,000
- Does not use your iCloud storage allotment
- Compatible across all devices including iPhone, iPad, Mac, and PC
- Stores web-optimized versions of your photos, which may degrade quality slightly
- Does not upload and sync videos
- You can still sync photos and albums from your Mac or PC via iTunes when Photo Stream is enabled
- Camera Roll is backed up if setting is on

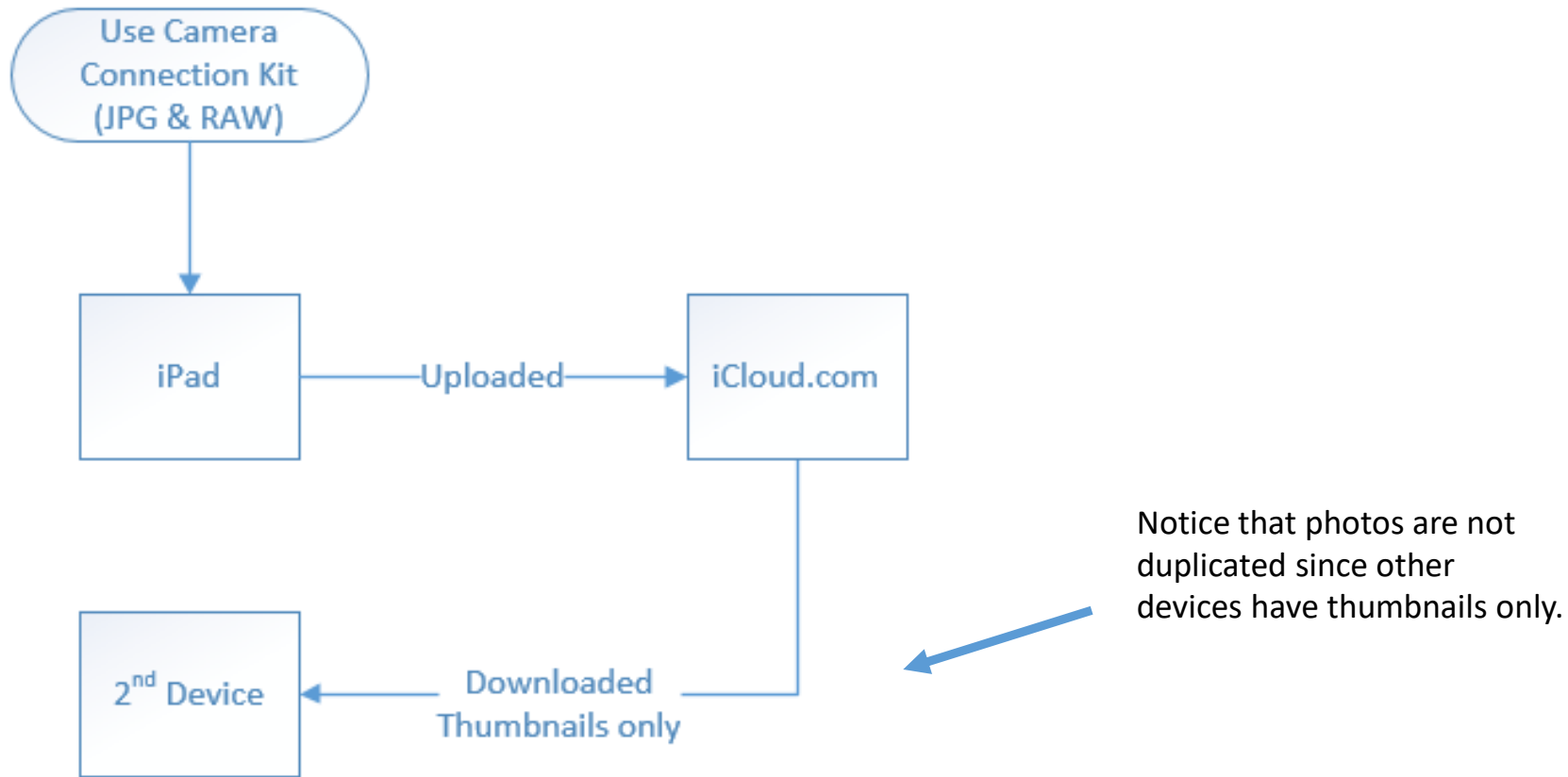
Getting Photos into your iPad

- Take a Photo or Video
- Sync with iTunes (iCloud Photo Library off)
- Email attachments
- Insert memory card into Camera Connection Kit
- Screen shots
- Use a Cloud service such as Google Drive
- Upload from PC with iCloud Control Panel
- Use device such as PNY Duo-Link or SanDisk iXpand

Using a memory card

- If card contains both JPG and RAW files, both will be transferred
- Other devices will not receive the RAW files
- All can be downloaded using the iCloud Control Panel

Flowchart when using memory card

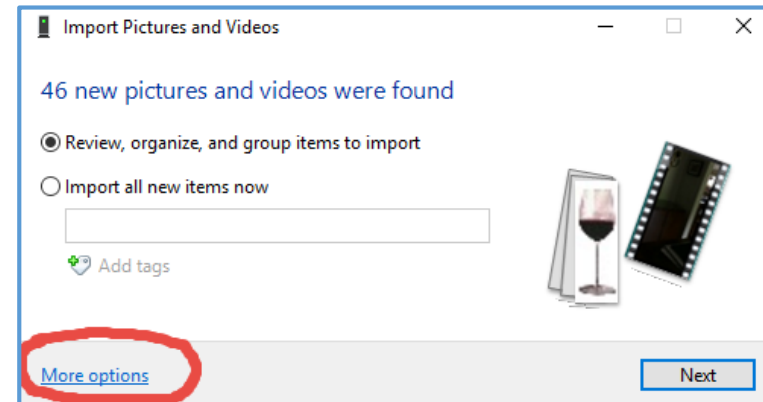
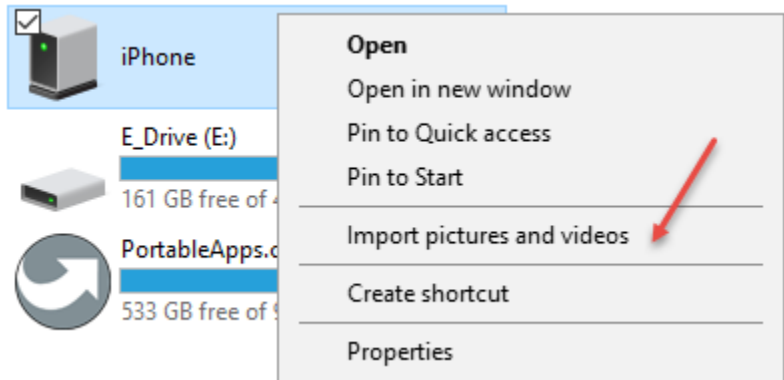


Transferring Photos from your iPad to PC

- Use ThisPC on a Windows PC
- Use the Windows 10 Photos App
- Photoshop Elements Organizer & Lightroom
- Picasa works well
- Email attachment
- Cloud Services such as Google Drive, Google Photos
- iCloud.com if iCloud Photo Library is on
- Windows Live Photo Gallery

Using ThisPC

- Connect a device with USB cable
- Open ThisPC
- Right-click device
- Click Import pictures and videos



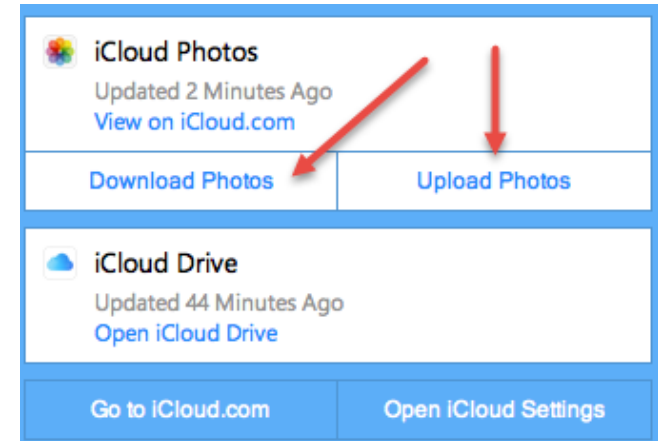
Using iCloud Control Panel

1. Download photos

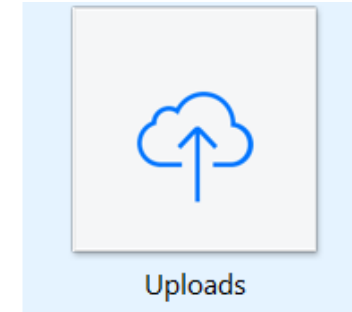
- Use Notification icon
- Photos will be downloaded to iCloud Photos

2. Upload photos

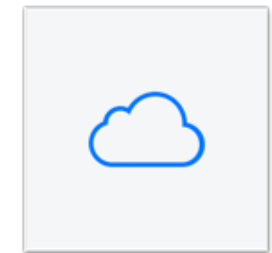
- Use Notification icon or Drag & Drop into Uploads folder
- Photos now appear on all devices



Downloads



Uploads



Shared

Using multiple devices - iCloud Library Off

- If you take a photo or video with 1st device
 - Shows in Camera Roll, Photo Stream
- On other device
 - Shows in Photo Stream
- If you delete a photo or video
 - Removed from Photo Stream and Camera Roll
 - Remains in Recently Deleted on 1st device

Using multiple devices - iCloud Library On

- If you take a photo or video with 1st device
 - Shows in All Photos
- On other device
 - Shows in All Photos but requires $\frac{1}{4}$ of the storage
 - Downloads to PC with iCloud installed
- If you delete a photo from Photos App
 - Removed from all devices
 - Remains in Recently Deleted on 1st device

iCloud.com and Videos

- To upload videos, right-click iCloud Control Panel icon and select Upload Photos
- Browse to folder containing videos and select one or more videos
 - MP4s, QuickTime, H.264
- They will also show up on all your devices
- You can download videos from iCloud also

More Apps and devices

- Apps
 - Snapseed
 - Wireless Photo Transfer App
 - Photogene
 - Dropbox
- Digital camera with built-in Wi-Fi
 - Control camera and transfer photos wirelessly
- Wireless SD Cards
 - Transfer photos from camera to mobile devices
- PNY and SanDisk devices