Opsilo — User Guide

Version 1.0 · October 13, 2026

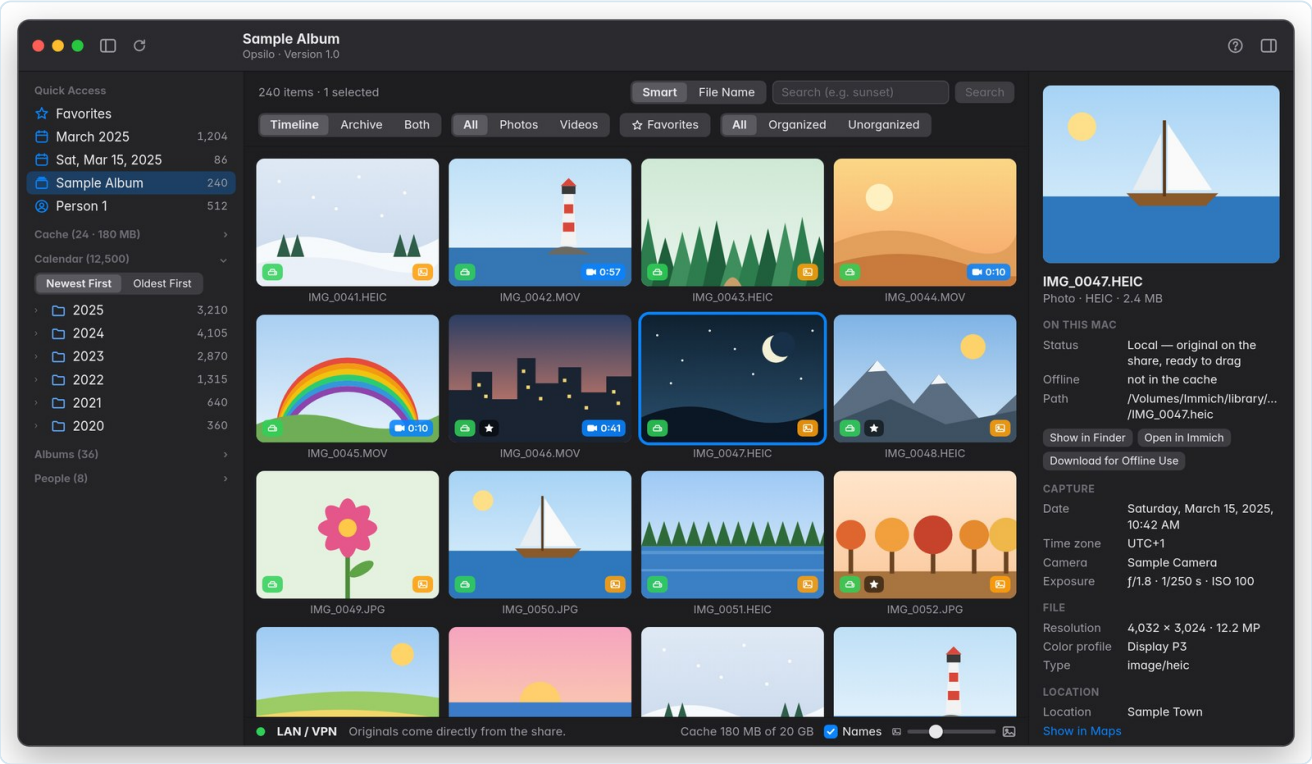
Opsilo is the window to your photo and video archive in Immich. It lets you find media quickly, view and check it, and hand it on, above all to Final Cut Pro. Nothing is edited in the app: Immich stays exactly as it is.

This guide explains every feature: where to find it, how it works and how to check it quickly. In the app it is under **Help › Opsilo – User Guide** (⌘?) or behind the **?** at the top right of the window. **Save as PDF…** saves it as a PDF.

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At a Glance



The main window: the sidebar on the left, header and filters at the top, the media in the middle, the info pane on the right, the status bar at the bottom

Area	What it’s for
Sidebar (left)	Quick Access, Cache, Calendar, Albums and People — this is where you choose what to see.
Header (top)	How many items are shown, which filter applies and how many are selected, plus the search.
Filter bar	Visibility, type, favorites and organization — combine them freely.
Grid (middle)	The media as thumbnails with badges. A click selects, a double-click opens the preview. Set the thumbnail size with two fingers, the slider or ⌘+ / ⌘−.
Info pane (right)	Everything about the clicked item. Show or hide it with ⌘I or the button at the far top right, the counterpart to the sidebar button on the left.
Status bar (bottom)	Connection mode, cache, progress and messages; at the far right the **Names** checkbox and the thumbnail size slider.

The window title names the content (e.g. “Sample Album”), with the app and version below it. The header doesn’t repeat the name — it appears only once, at the top of the window and in the tab.

Setup

Installation

The app is available in the **Mac App Store** and as a disk image (`.dmg`).

- **App Store:** download it and open it from Applications.
- **Disk image:** double-click to open it, then drag the **Opsilo** icon onto **Applications**.



The opened disk image: the app, the Applications folder and the documents in German and English

1. Open the app from Applications. Only for a test version without notarization does macOS say the developer cannot be verified: then open **System Settings › Privacy & Security**, choose **Open Anyway** next to the message about the app at the bottom and confirm with your password — this is needed only once.
2. If macOS asks whether the app may **find devices on your local network**, answer **Allow** — otherwise it can't reach your Immich server on your home network.

The app runs in Apple's **sandbox**: it only sees what you show it. It creates its own folder for the originals (**Movies › Opsilo**); a network share or a different folder you choose once in the file dialog. To remove the app, move it to the Trash. Its settings then remain in its container (`~/Library/Containers/app.kairosviewer.mac`), the API key in the keychain and the cache under **Movies › Opsilo**.

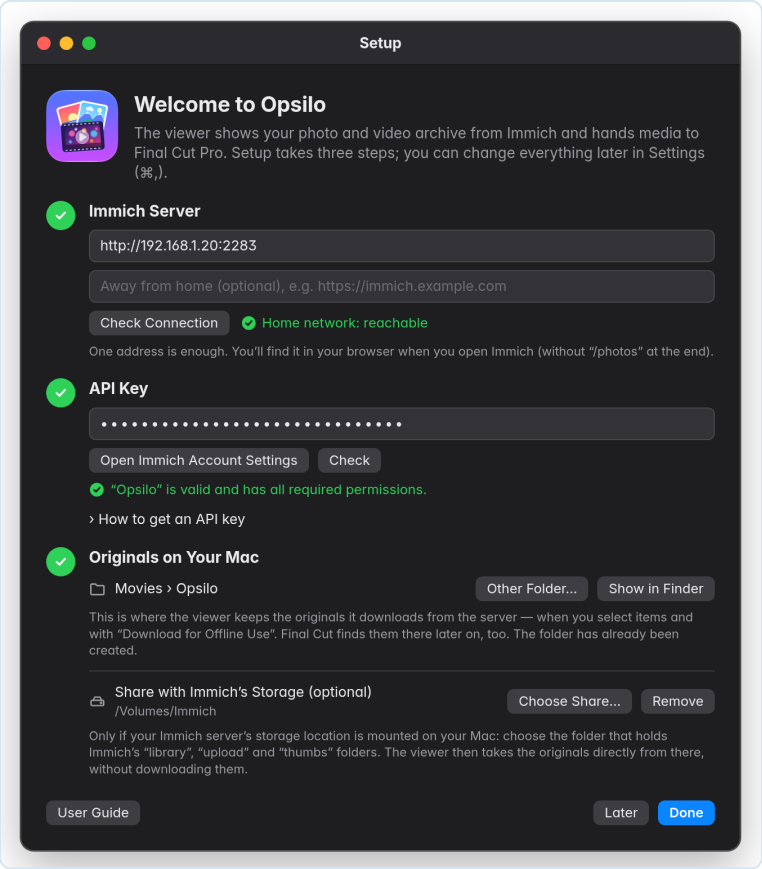
Language

The app speaks English and German and follows your Mac's language; for any other language it shows English. The user guide follows the app's language. To change it for this app only: **System Settings ›**

General › Language & Region, add Opsilo with **+** in the list of applications at the bottom and pick a language.

Setup Window

On first launch, the **Setup** window opens. In three steps it asks for everything the app needs:



Setup: server, API key and the folder for the originals — preset and already created; the network share is optional

1. **Immich Server:** the address on your home network and/or away from home. **Check Connection** shows whether the server responds.
2. **API Key:** paste it and click **Check** (how to get one is explained in the next section).
3. **Originals on Your Mac: Movies › Opsilo** is preset and already created — this is where the viewer keeps the originals it downloads from the server. **Other Folder…** picks a different one, **Show in Finder** opens it. Below, optionally: if your Immich server's storage location is mounted on your Mac, click **Choose Share…** and pick the folder with Immich's `library`, `upload` and `thumbs` folders (see Network Share).

Done saves everything. **Later** closes the window; the main window then shows **Set Up Now…**, and the app menu always has **Setup…**. You can also change everything in Settings (**⌘,**).

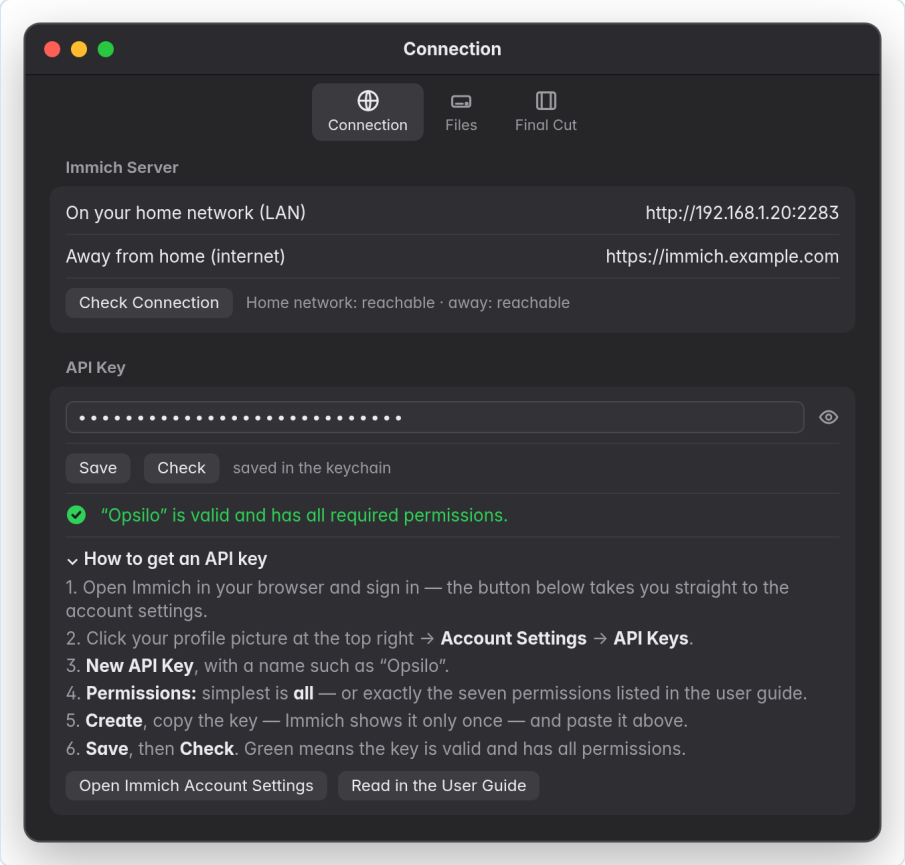
What You Need

- a Mac with macOS 14 or later,
- an Immich server (e.g. on your home network) and an account on it,
- an **API key** from your Immich account (see the next section),
- **optionally** your Immich server's storage location mounted on your Mac (network share) — originals then come directly from there, without downloading,

- **optionally** Final Cut Pro for handing media over.

Creating and Entering an API Key

The API key is your access to Immich. It belongs to your account: the viewer sees exactly what you see in Immich.



Settings › Connection: server, API key with check and instructions

Create the key (in Immich):

1. Open the app's settings (⌘,) › **Connection** tab and, under "How to get an API key", click **Open Immich Account Settings**. Or open Immich in your browser yourself and sign in.
2. Click your profile picture at the top right → **Account Settings** → **API Keys**.
3. **New API Key**, with a name such as "Opsilo".
4. **Permissions:** the simplest choice is **all**. For tighter access, choose exactly the seven from the table below.
5. **Create**. Copy the key right away — Immich shows it only this once.

The seven permissions in detail:

Permission	What the viewer needs it for
`asset.read`	Search, calendar, lists and media details
`asset.view`	Thumbnails
`asset.download`	Downloading originals (preview, cache, offline use)
`asset.statistics`	Counts in the header, albums and calendar
`album.read`	Albums and “which albums contain this item”
`person.read`	People
`person.statistics`	Counts for people

Enter the key (in the app):

1. Settings (⌘,) › **Connection** › **API Key** field: paste it (⌘V). The eye button next to it reveals the key.
2. **Save**. The key goes into this Mac’s keychain. The app reconnects immediately.
3. **Check**. Green means the key is valid and has all required permissions. If a permission is missing, the message names it, and you add it to the key in Immich.

Quick test: Settings › Connection › **Check**. Expected: “… is valid and has all permissions.”

Server Addresses

Settings › **Connection** holds two addresses:

- **On your home network (LAN)**, e.g. `http://192.168.1.20:2283` — the fast address at home and over a VPN.
- **Away from home (internet)**, e.g. `https://immich.example.com` — the address over the internet, if your Immich is reachable there.

One of them is enough. **Check Connection** shows which one is reachable right now. If the remote address sits behind an additional sign-in page (an access gate in front of Immich), the app can’t get through; away from home, a VPN into your home network works best.

Share with Immich’s Storage

If your Immich server’s storage location is mounted on your Mac (Finder › Go › Connect to Server), the app takes originals directly from there: nothing needs to be downloaded, and dragging works instantly. Without a share, the app downloads originals from the server into its folder for the originals when you select them (see Cache Folder) — you don’t need to create a folder for that.

- **Choose:** in Setup or under Settings › **Files** › **Share with Immich’s Storage** › **Choose Share…**, then pick the folder that holds Immich’s `library`, `upload` and `thumbs` folders, e.g. `/Volumes/Immich`.
- The app checks your choice: it won’t take a folder without a filled `library` or `upload` folder. If you picked `library` itself, it tells you that the folder one level up is meant.
- Typing a path doesn’t work: the app runs in the sandbox and may only look into folders you show it in the file dialog. It remembers this permission, even across restarts.
- **At launch, the app connects the share itself** if it isn’t mounted and your home network answers — using the password your Mac has saved for it, without asking. The status bar briefly shows “Connecting share…”.

- If the server can't be reached (when you're away), the app works as if you were away and uses the share again as soon as macOS mounts it — even if it is then called e.g. `/Volumes/Immich-1`. When you're back on your home network, it connects the share again by itself. If you eject the share yourself, it stays ejected.
- **Remove** forgets the share.

Connection Modes

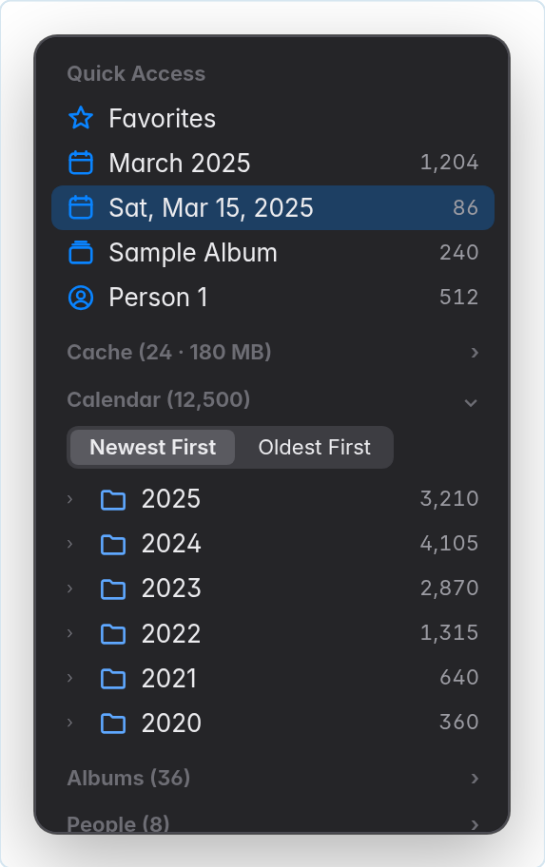
The app detects by itself how it works. The status bar shows it on the left:

Display	What it means
LAN / VPN (green)	Home network or VPN: the app asks the server on your home network. With a share, originals come directly from there; without one, the app downloads them into its folder for the originals when you select them.
Internet (blue)	Only the remote address is reachable: originals are downloaded to the cache when you select them.
Offline (gray)	No server: only items in the cache can be dragged (see Download for Offline Use).

If your network has changed, **⌘R** detects the connection mode again.

Finding Media

Everything starts in the sidebar on the left: a click on an entry shows its media in the grid.



Sidebar with Quick Access and the calendar “Newest First”

Quick Access

At the very top are **Favorites** and everything you have pinned.

- **Pin:** right-click an entry on the left — day, month, year, album, album folder or person — → **Add to Quick Access**.
- Quick Access shows full titles (“March 2025”, “Sat, Mar 15, 2025”) with the count for your filter; months, years and folders expand like in the tree.
- **Arrange and unpin:** right-click in Quick Access → **Move Up**, **Move Down**, **Remove from Quick Access**.
- Quick Access applies to all windows and is kept across restarts.

Quick test: right-click a month in the calendar → **Add to Quick Access** → the month appears at the top of Quick Access.

Calendar

All media by capture day, in the local time of the capture (as Immich shows it): **Year › Month › Day**.

- A click on a day shows its media, sorted by time. The day shown is highlighted.
- A month loads its days as soon as you expand it.
- **Order:** first row of the calendar — **Newest First** (default) or **Oldest First**.

- The counts follow your filters: with “Videos”, each day counts only its videos; days without matching media disappear.
- A year “1601 · no capture date” collects media without a date.

Albums

Albums appear as a folder tree, built from their names:

- A date at the beginning (`2025-03-15-…`) becomes **Year › Month › Day**.
- “ - ” (a hyphen with spaces) separates further levels, e.g. “Garden - Spring”.
- **Filter albums:** the field above the albums — type part of a name, and the list shows only matching albums.
- Counts follow the filter; a folder shows the sum of its albums (an item in two albums counts twice there).

People

All named people from Immich, **sorted by number of media, highest first**, with the count for your filter.

- **Filter people:** the field above the people — type part of a name, and the list shows only matching people.
- With the “Videos” filter, the counts are video counts, and people without videos disappear.

Search

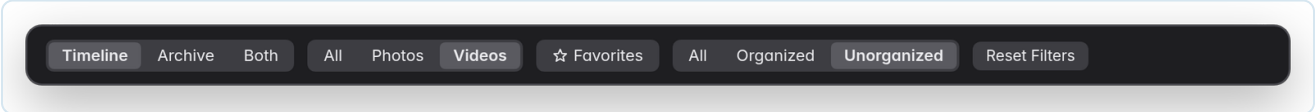
At the top right of the header:

- **Smart:** search by image content, e.g. “lighthouse”, “beach at sunset”.
- **File Name:** search for part of a file name, e.g. “IMG_0042”.

Confirm with ⏎ or **Search**. The window remembers the search; in a new tab you can search for something else at the same time.

Filters

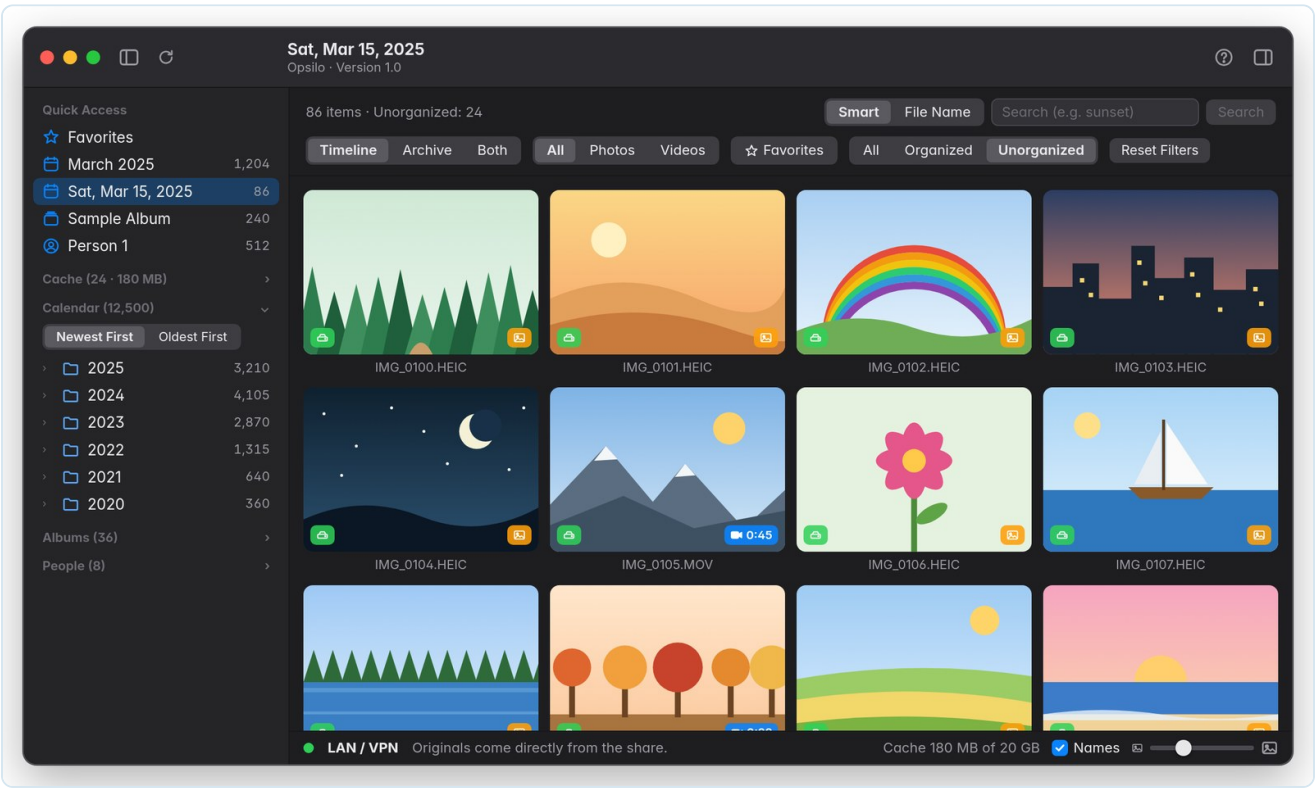
The filter bar above the grid applies to the list **and** to all counts in the sidebar:



Filter bar: visibility, type, favorites and organization

Filter	States	Meaning
Visibility	Timeline · Archive · Both	The timeline is Immich's main stream (everything not archived).
Type	All · Photos · Videos	Photos only or videos only.
Favorites	on · off	Only items with a star in Immich.
Organization	All · Organized · Unorganized	Organized = in an album **or** with a named person. Unorganized = neither — ideal for tidying up.

- All filters can be combined freely, e.g. "Archive · videos only · unorganized".
- **Reset Filters** (appears as soon as a filter is set) returns everything to the default.
- With "Unorganized", albums and people disappear from the sidebar, because everything in them is organized.
- The app determines the organization in the background (about 20 seconds) and remembers it. If you have organized items anew in Immich, ↻ above the sidebar recounts.

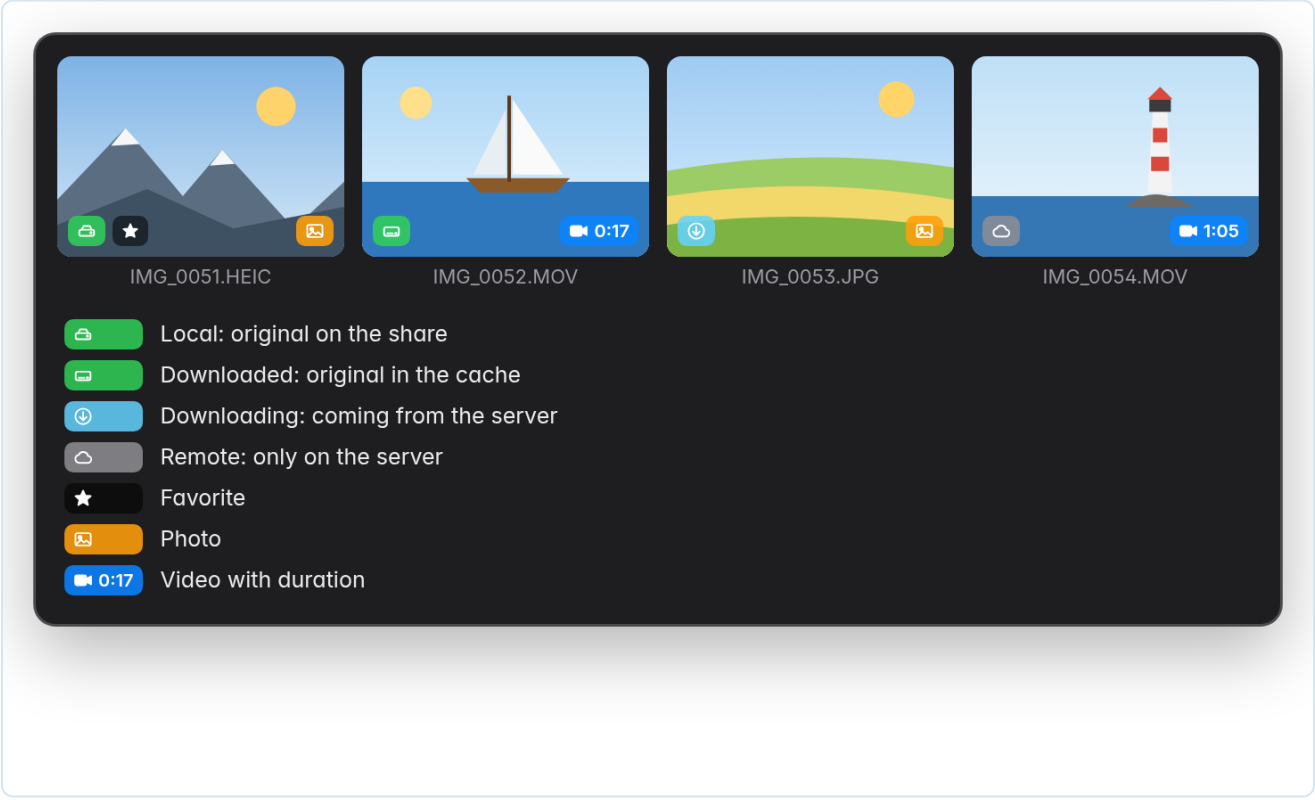


Unorganized: a day with the items that are neither in an album nor assigned to a person; the calendar counts with the same filter

Quick test: choose a day in the calendar, then switch the organization filter. Expected: the count for **All** is the sum of **Organized** and **Unorganized**.

Viewing Media

Grid and Badges



Badges: green = original on this Mac, blue = video with duration, orange = photo, star = favorite

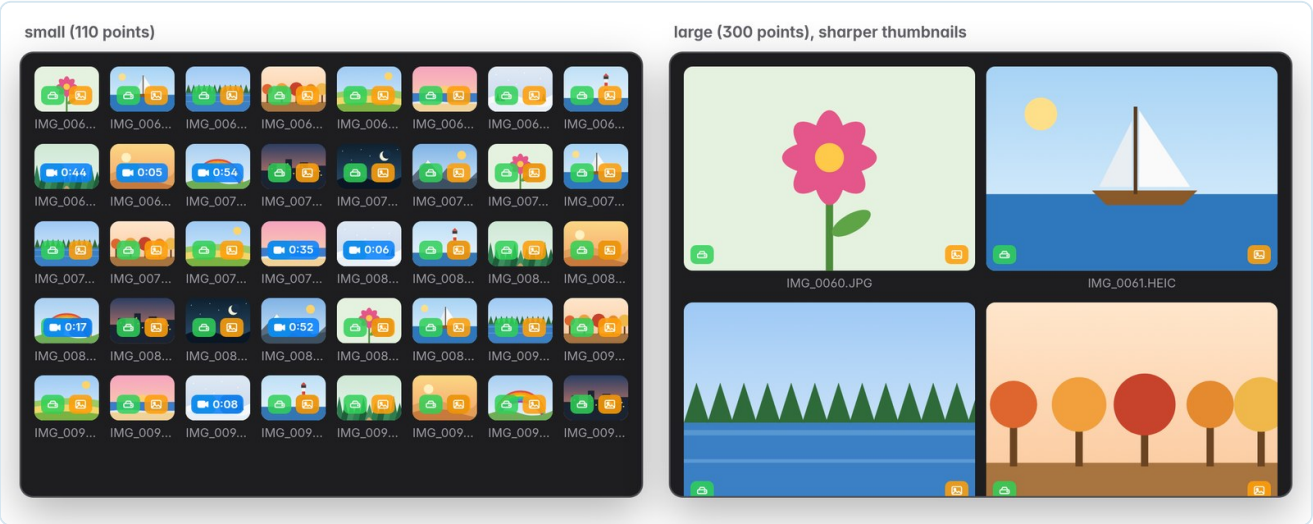
Badge	Meaning
green drive (left)	**Local:** original on the share, ready to drag.
green disk (left)	**Downloaded:** original in the cache on this Mac, ready to drag.
teal arrow (left)	**Downloading:** the original is coming from the server.
gray cloud (left)	**Remote:** only on the server; selecting it downloads it to the cache.
star	Favorite in Immich.
orange (right)	**Photo**.
blue with time (right)	**Video** with its duration.

Rest the pointer on a badge for a moment: a tip explains it. Clicking and dragging always apply to the whole thumbnail.

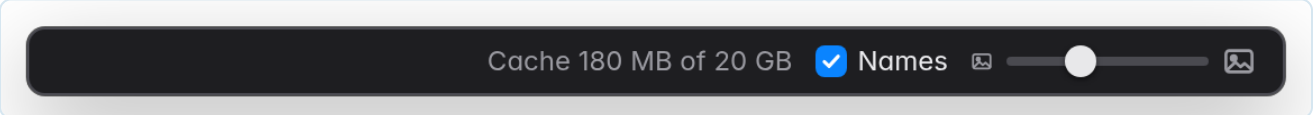
- **Click** selects an item, **⌘-click** or **⇧-click** adds more, **⌘A** selects all, **Esc** clears the selection.
- **Double-click** opens the preview.
- Long lists load more as you scroll, 1,000 items at a time. The header then shows e.g. “3,000 of 12,500 items”.

Thumbnail Size and Names

As in the Finder's **as Icons** view, you make the thumbnails larger or smaller: small for an overview of a whole day, large to compare shots.

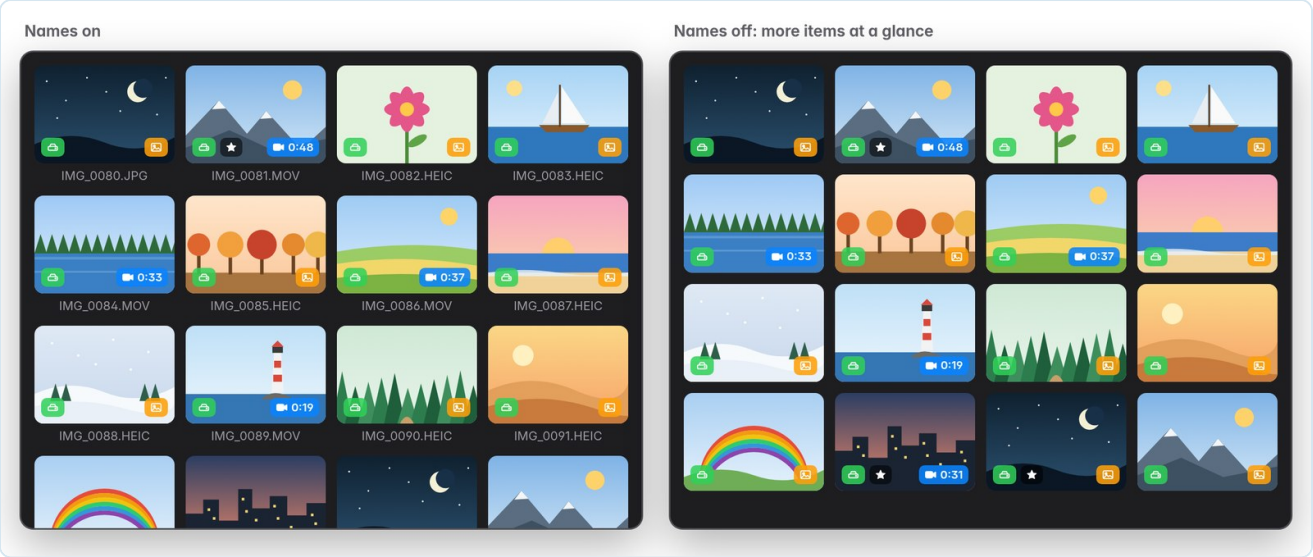


Small thumbnails (many columns) and large ones (few columns, sharper thumbnails)



At the far right of the status bar: the "Names" checkbox and the thumbnail size slider

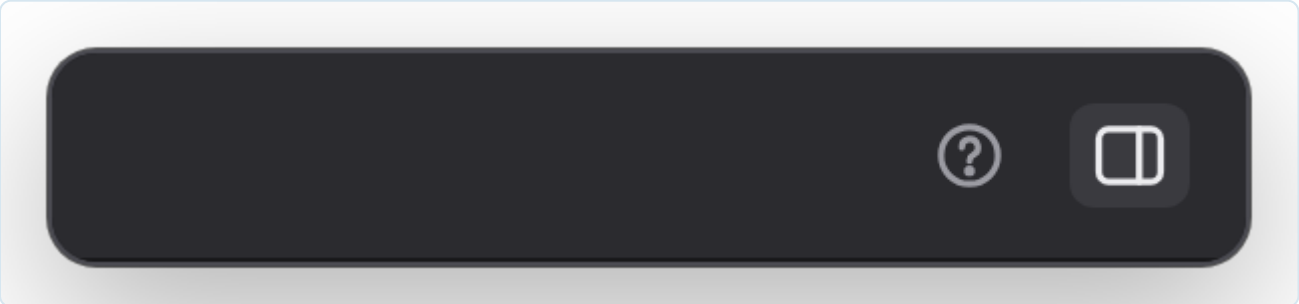
- **Two fingers on the trackpad:** over the thumbnails, pinch open = larger, pinch closed = smaller. The thumbnail under your fingers stays in place.
- Drag the **slider** at the bottom right of the status bar. A click on the small or large picture symbol next to it goes one step.
- **⌘+** and **⌘−** (menu **View › Larger Thumbnails / Smaller Thumbnails**). With the slider and keys, the selected thumbnail stays in view, otherwise the middle one.
- The size ranges from 100 to 400 points; the default is 168. Each window and tab has its own size; new windows take the most recently chosen one.
- From about 220 points, the app loads sharper thumbnails shortly after zooming.
- **Quick test:** pinch open with two fingers over the thumbnails. Expected: fewer columns, the thumbnail under your fingers stays put, the slider moves along.
- **Names:** the **Names** checkbox in the status bar shows or hides the file names below the thumbnails. Without names, more items fit in the window; the name then appears in a tip when the pointer rests on a thumbnail. Like the size, this applies per window and is remembered for new windows.



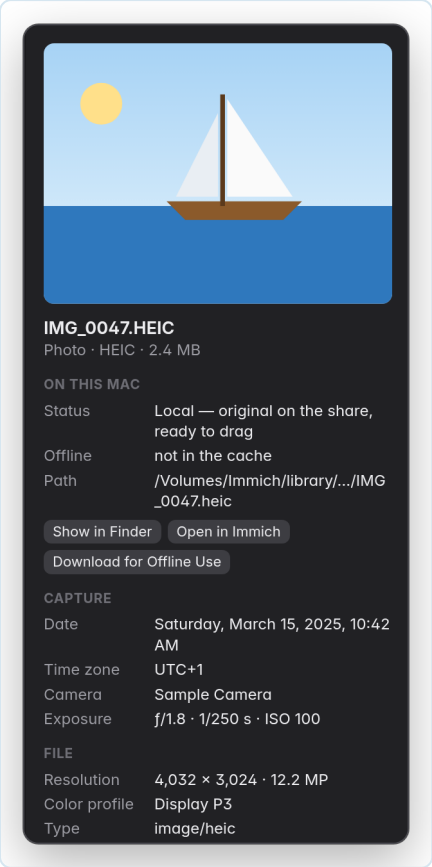
The same list with and without names

Info Pane

On the right side of the window; show and hide it with ⌘I or the button at the far top right of the toolbar. It is the counterpart to the sidebar button on the left. Drag its left edge to change the width (260 to 440 points); the app remembers it.



Top right: user guide (?) and, at the very edge, the info pane button

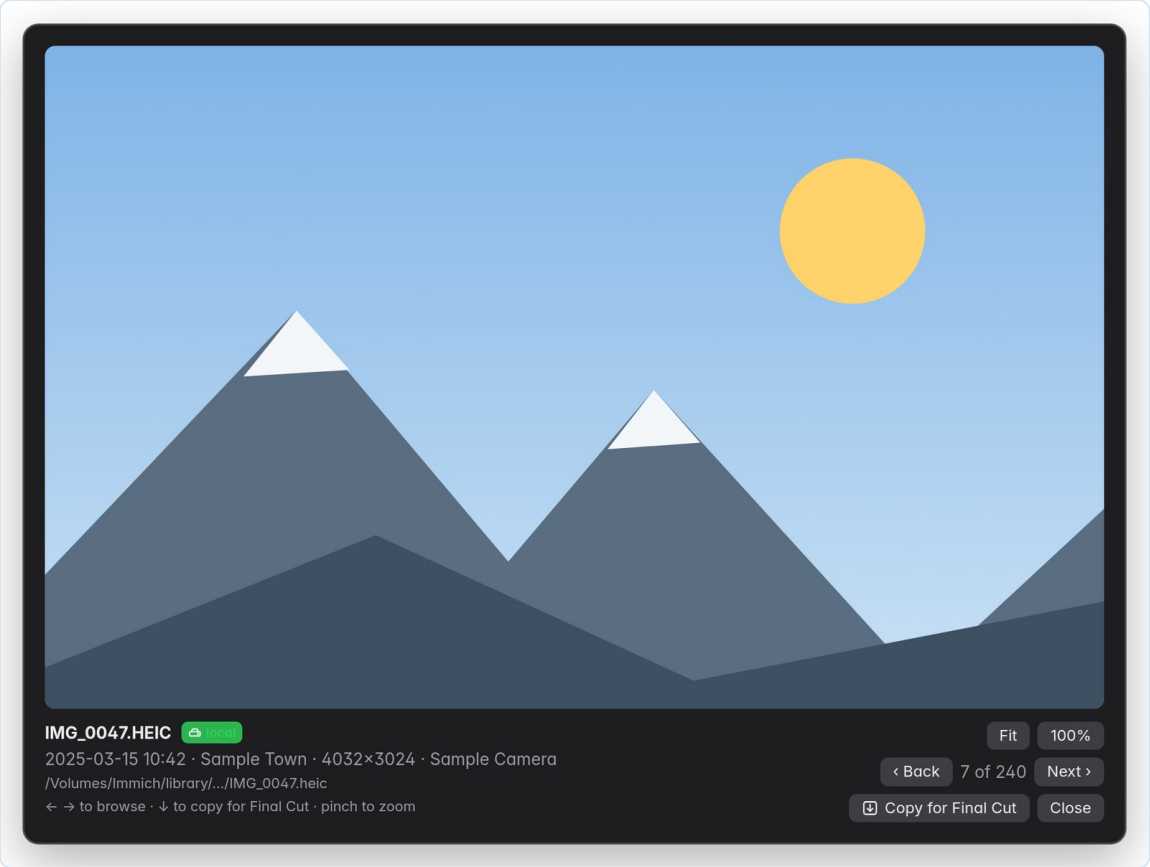


Info pane with “On This Mac” at the top

- **On This Mac:** status, whether the original is in the cache **for offline use**, the path, plus **Show in Finder**, **Open in Immich** and **Download for Offline Use** or **Remove from Cache**.
- **Capture:** date and time (local time), time zone, camera, lens, aperture · exposure · ISO, focal length, rating, description.
- **File:** resolution, duration, codec, frame rate, data rate, HDR, audio, color profile, bit depth, 360°, type.
- **Location** with GPS and **Show in Maps**; **People** and **Albums** are clickable — a click opens their list.
- **Immich:** visibility, favorite, ID, path on the server.
- If **several** items are selected, it shows a summary: how many photos and videos, total length, size, period.

Preview Window

Double-click a thumbnail to open the item large.



Preview window with image, zoom and browsing

- ← → browse through the list, **Esc** closes.
- **Zoom** with two fingers on the trackpad, pan with two fingers as well; a double-tap toggles the zoom.
- **⌘0** fits the image, **⌘1** shows it at 100% — ideal for checking sharpness.
- **Videos:** the **Space bar** plays and pauses, the slider jumps to any point.
- ↓ puts the item on the clipboard for Final Cut (see below).
- You can drag the image straight from the preview into Final Cut.

Handing Media to Final Cut

Dragging

Drag a thumbnail (or several selected ones) into the timeline or an event in Final Cut — just like from the Finder. If an original isn't on your Mac yet, the app downloads it first; then drag again.

Final Cut refers to the file where it is. Originals from the cache that you have handed to Final Cut (by dragging, ↓ or "Copy for Final Cut") are therefore no longer cleared away automatically by the viewer: the limit leaves them alone, and when you change the cache folder they stay where Final Cut knows them. You can still remove them by hand.

↓ and Pasting with ⌘V

1. In the preview window press ↓, or right-click a thumbnail → **Copy for Final Cut**.
2. The file is on the clipboard, and Final Cut comes to the front.
3. In Final Cut press **⌘V**: the clip lands at the playhead in the timeline.

The clipboard always holds only the file, as when copying in the Finder. That is what makes Final Cut paste it.

Several Items

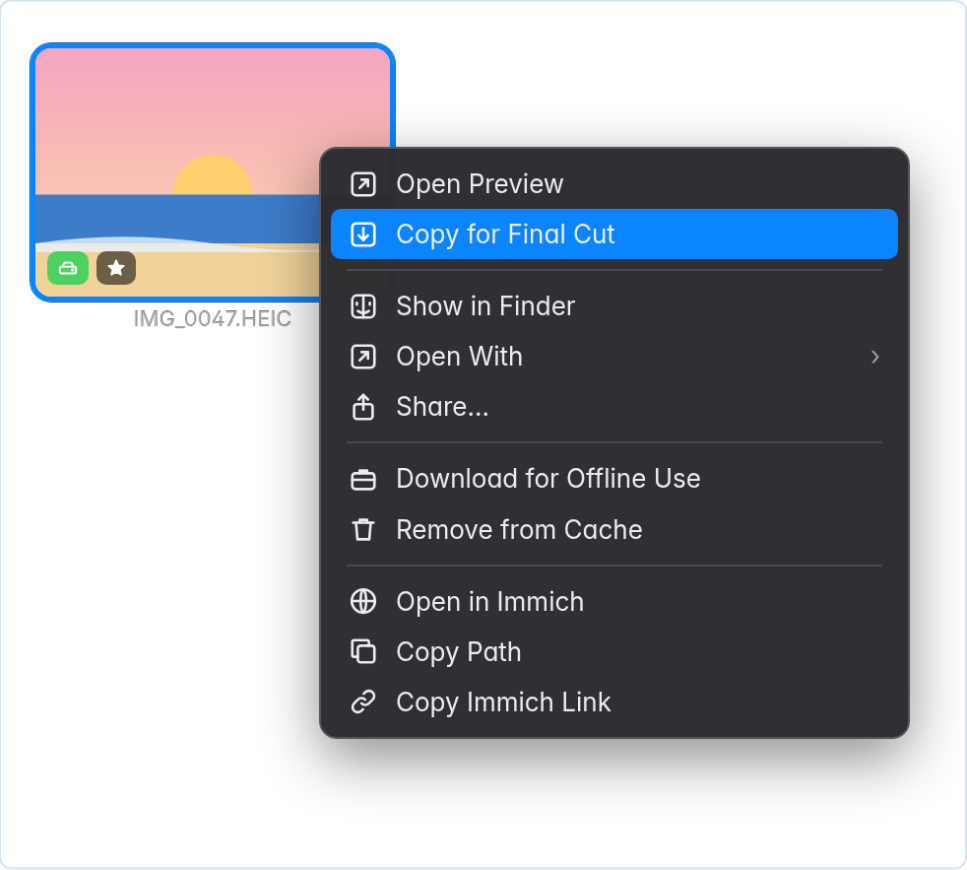
Select several thumbnails (⌘-click), then right-click → **Copy N Items for Final Cut**, or drag them all together.

Test Switch "Keywords via FCPXML"

Settings › **Final Cut** has a test switch: when **dragging**, the app then also passes an FCPXML with people, album and location as keywords. Final Cut 12.4 crashed with it when dragging **photos**. Leave it off unless you are deliberately trying it in a test project. It doesn't apply to ↓ and "Copy for Final Cut".

Right-Click Menus

On Thumbnails



Right-click on a thumbnail

Menu item	What happens
Open Preview	like a double-click
Copy for Final Cut	like ↓, also for several items
Show in Finder	shows the originals on your Mac
Open With	the default app first, all others below (e.g. Preview, QuickTime Player)
Share…	AirDrop, Mail, Messages …
Download Original	only if the original is still missing
Download for Offline Use	originals into the cache (see below)
Remove from Cache	only if the item is there; the original stays in Immich
Open in Immich	opens the item in the browser
Copy Path, **Copy Immich Link**	put the text on the clipboard

If the item is selected, everything applies to the whole selection; otherwise it is selected when you right-click.

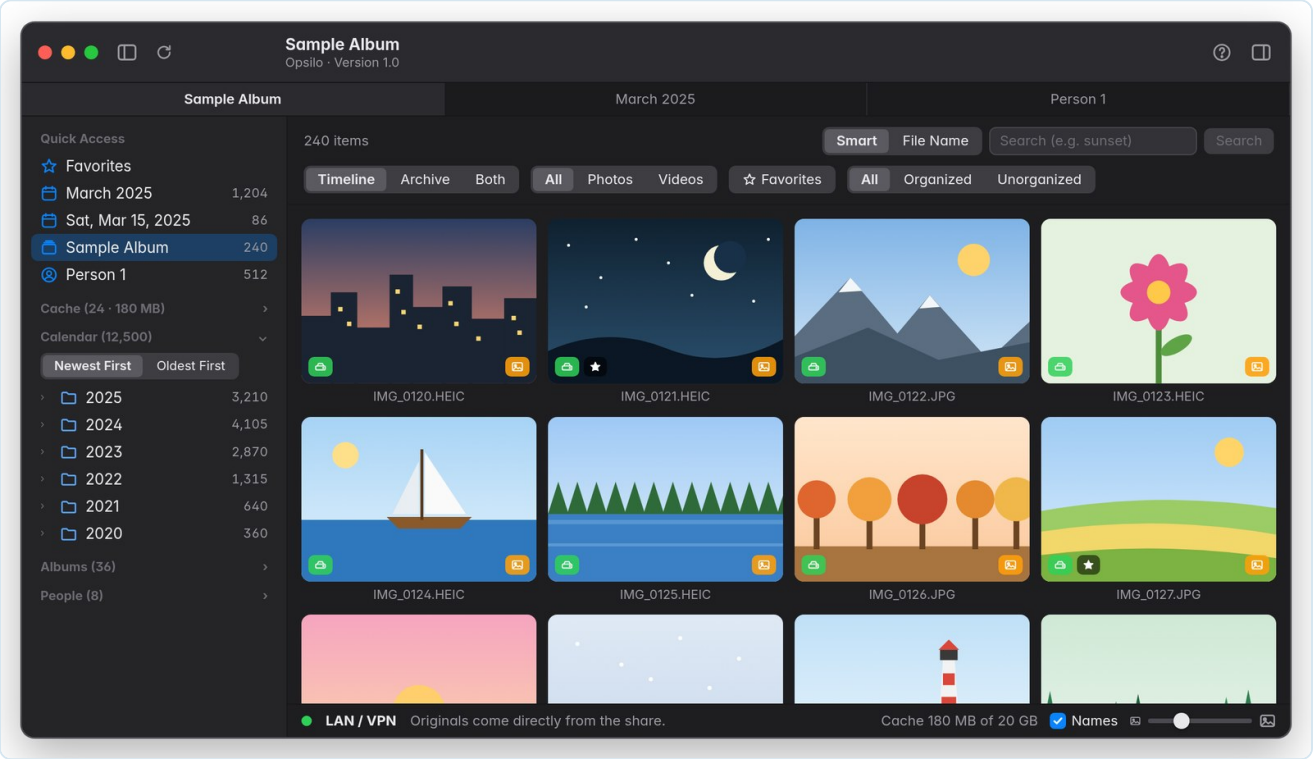
In the Sidebar

Right-click a day, month, year, album, album folder or person:

- **Open in New Tab** (day, album, person),
- **Download for Offline Use**,
- **Add to Quick Access**, or in Quick Access **Move Up**, **Move Down**, **Remove from Quick Access**.

Windows and Tabs

Every window and tab has its own content: list, filters, search, selection. The tab title names the content.



Three tabs with their own content

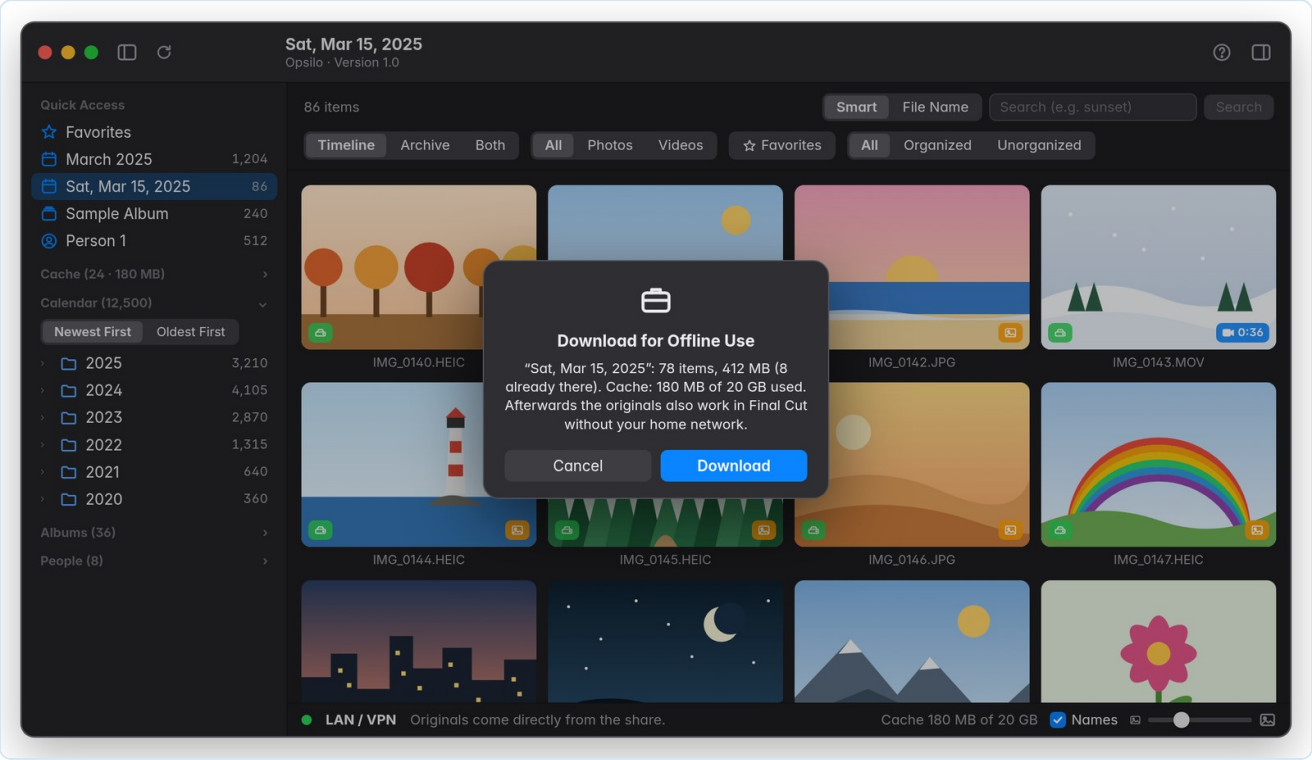
- **New window:** File › **New Window** (⌘N).
- **As tabs:** Window › **Merge All Windows** — or right-click on the left → **Open in New Tab** right away.
- Every tab remembers what it shows — even across a restart, when macOS restores the windows.

Offline Use and Cache

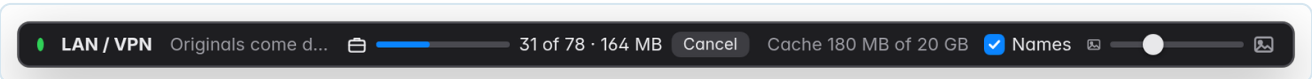
Download for Offline Use

For trips without your home network: download the originals to your Mac beforehand, and they work in Final Cut offline too.

1. Set the filter, e.g. videos only or favorites only — what matches the filter is downloaded.
2. Right-click thumbnails or an entry on the left (day, month, year, album, album folder, person) → **Download for Offline Use**.
3. The confirmation shows the number, the size, what's already there and how full the cache is → **Download**.
4. The progress runs at the bottom of the status bar, with **Cancel**.



Confirmation before downloading



Progress in the status bar

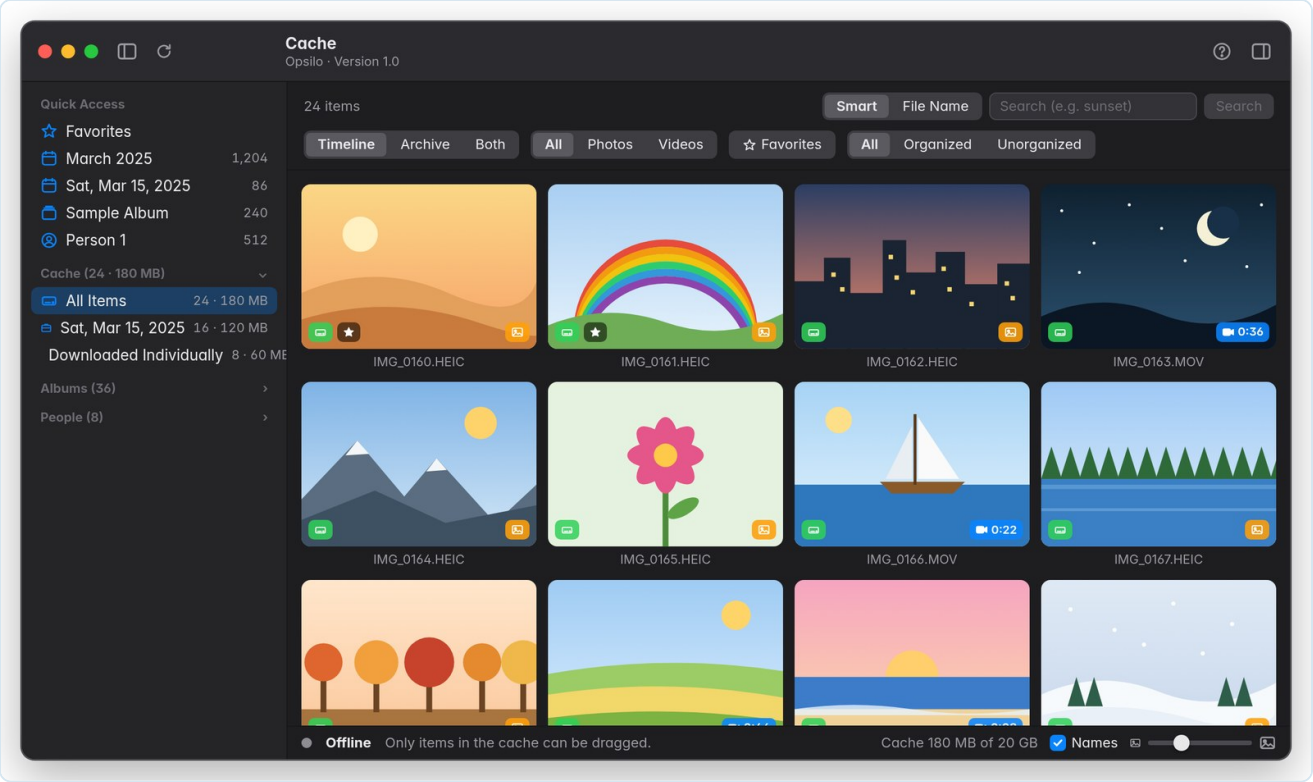
- If it doesn't fit under the cache **limit** or on the disk, the app says so and downloads nothing.
- The info pane then shows "Offline: in the cache — works without your home network".
- You set the **limit** under Settings › **Files** (1 to 200 GB). When it's full, the oldest originals go first — except those you handed to Final Cut (see Dragging). **Clear Cache** frees everything.

Quick test: right-click a day in the calendar → **Download for Offline Use**. Expected: the confirmation shows the number and size → **Download** → the progress runs in the status bar.

Cache in the Sidebar

Below Quick Access is the **Cache** section with number and size, e.g. “Cache (24 · 180 MB)”:

- **All Items** shows everything that is on your Mac.
- Below it, one row per **origin**: the day, album or person you downloaded for, e.g. “Sat, Mar 15, 2025”. Plus “Downloaded Individually” for originals that came when you selected them away from home, and “Downloaded Earlier” for older ones.
- This works **without your home network** too: the app knows every item from a small description next to the file, and the thumbnails are made from the file itself.



Cache without a server: section in the sidebar, items with thumbnails from the files, status bar “Offline”

Removing Items from the Cache

The originals always stay in Immich. Without your home network, removed items can no longer be dragged afterwards.

- **Single items:** right-click a thumbnail → **Remove from Cache**. With several selected, the item reads “Remove N from Cache”. Alternatively in the info pane under “On This Mac”.
- **A group:** right-click an origin in the Cache section → **Remove from Cache…** → confirm.
- **Everything:** right-click **All Items** → **Clear Cache…**, or Settings › Files › **Clear Cache…**.

The status bar reports in green how much space was freed.

Cache Folder

The default is **Movies › Opsilo** (`~/Movies/Opsilo`) — the app creates it on first launch, and Final Cut finds originals handed to it there even after a restart. Under Settings › **Files** › **Originals on Your Mac (Cache)** or in Setup:

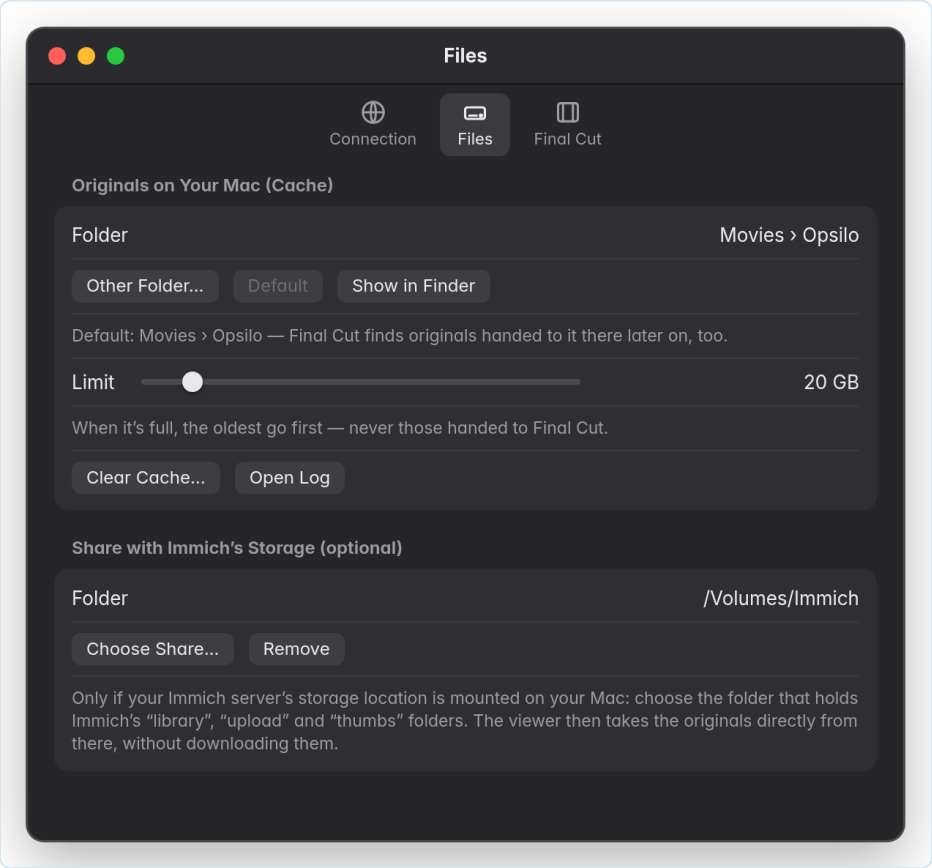
- **Other Folder…** takes another folder, e.g. on an external disk. The items move along, except those handed to Final Cut — they stay in the old place.

- If the chosen folder already contains other files, the app creates a **Opsilo** subfolder in it, so its items never sit between other files.
- **Default** goes back, **Show in Finder** opens the folder.

The app only touches its own entries in this folder. Clearing, removing and the limit leave everything else alone.

Settings

Open them with **⌘,** (app menu › Settings). The guided setup is in the app menu under **Setup…**. Three tabs:



Settings › Files

- **Connection:** server addresses, **Check Connection**, API key with **Save**, **Check** and instructions (see API Key).
- **Files: Originals on Your Mac (Cache)** with the **Folder** (**Other Folder…**, **Default**, **Show in Finder**), **Limit**, **Clear Cache…** and **Open Log** (see Cache Folder); below it the **Share with Immich's Storage** (**Choose Share…**, **Remove**, see Network Share).
- **Final Cut:** the test switch for FCPXML and its sub-options (see Test Switch).

Keyboard Shortcuts

Key	Effect
⌘N	new window
⌘,	Settings
⌘?	this user guide
⌘I	info pane on/off
⌘A	select all items in the list
Esc	clear the selection, close the preview
⌘R	detect the connection mode again
Double-click	open the preview
⌘-click, ⇧-click	select more items
← → (preview)	browse
↓ (preview)	copy for Final Cut
Space bar (preview)	play/pause video
⌘0 / ⌘1 (preview)	fit / 100%
⌘+ / ⌘−	larger / smaller thumbnails
two-finger pinch (over the thumbnails)	larger / smaller thumbnails
⏎ (search field)	search

Troubleshooting

What you see	What helps
On first opening, macOS says the developer cannot be verified (test versions only)	**System Settings › Privacy & Security** › **Open Anyway** next to the message about the app (see Installation).
No connection on the home network, although Immich is running	**System Settings › Privacy & Security › Local Network**: turn on the switch for **Opsilo**.
“No server reachable”	Check your network or VPN; Settings › Connection › **Check Connection**; then **⌘R**. On the very first launch, macOS asks whether the app may access devices on your local network — answer **Allow**.
The key is rejected or permissions are missing	Settings › Connection › **Check** names the missing permission; add it in Immich or create a new key with **all**.
Thumbnails with a gray cloud	The original is only on the server. Selecting it downloads it; for trips use **Download for Offline Use**.
An item is missing away from home	Sidebar › **Cache** shows what is on your Mac; anything missing there is only available again with your home network or VPN.
“Organization is still being determined”	Wait a moment (about 20 seconds). Recount with ↻ above the sidebar.
Counts show “…”	The app is still counting; with a new filter this takes a few seconds.
⌘V in Final Cut pastes nothing	Final Cut must be in front with the timeline active (click into it once), then ⌘V. In the log, the line “Zwischenablage” (clipboard) shows only `public.file-url`.
Final Cut crashes when you drag a photo	Turn off Settings › Final Cut › **Include keywords via FCPXML**.
A click or zooming feels sluggish	The app records every longer hang in the log as “Leistung: Haupt-Thread … belegt” (main thread busy), with the slow sections. These lines help with troubleshooting.
The network share isn’t accepted or isn’t recognized	It means your Immich server’s storage location with `library`, `upload` and `thumbs`, not a folder you create yourself: Settings › Files › **Choose Share…** and pick that folder; if it isn’t mounted and the app doesn’t connect it by itself (password not saved in the keychain), connect it once via Finder › Go › **Connect to Server** and tick **Remember this password in my keychain**.
Something else	Settings › Files › **Open Log** — it shows what the app has done. **Help › Support** takes you to the support page.

About the App

Opsilo — an independent project that is not affiliated with Immich. The version appears below the window title. Contact details, the support page and the privacy policy are in the **About Opsilo** window (app menu) and in the **Help** menu (**Support**, **Privacy**).