

Immich

Immich installation via docker:

[docker-compose.yml](#)

```
#
# WARNING: To install Immich, follow our guide:
# https://docs.immich.app/install/docker-compose
#
# Make sure to use the docker-compose.yml of the current release:
#
#
# https://github.com/immich-app/immich/releases/latest/download/docker-co
# mpose.yml
#
# The compose file on main may not be compatible with the latest
# release.

name: immich

services:
  immich-server:
    container_name: immich_server
    image: ghcr.io/immich-app/immich-server:${IMMICH_VERSION:-release}
    #extends:
    # file: hwaccel.transcoding.yml
    # service: rocm #cpu # set to one of [nvenc, quicksync, rkmp,
    # vaapi, vaapi-wsl] for accelerated transcoding
    volumes:
      # Do not edit the next line. If you want to change the media
      # storage location on your system, edit the value of UPLOAD_LOCATION in
      # the .env file
      - ${UPLOAD_LOCATION}:/data
      - /etc/localtime:/etc/localtime:ro
    env_file:
      - .env
    ports:
      - '2283:2283'
    depends_on:
      - redis
      - database
    restart: always
    healthcheck:
      disable: false

  immich-machine-learning:
    container_name: immich_machine_learning
    # For hardware acceleration, add one of -[armnn, cuda, rocm,
```

```
openvino, rknn] to the image tag.
# Example tag: ${IMMICH_VERSION:-release}-cuda
image: ghcr.io/immich-app/immich-machine-
learning:${IMMICH_VERSION:-release}-rocm
#extends: # uncomment this section for hardware acceleration - see
https://docs.immich.app/features/ml-hardware-acceleration
#file: hwaccel.ml.yml
#service: rocm #cpu # set to one of [armnn, cuda, rocm,
openvino, openvino-wsl, rknn] for accelerated inference - use the `
wsl` version for WSL2 where applicable
volumes:
- /opt/immich/model-cache:/cache
env_file:
- .env
restart: always
healthcheck:
  disable: false

redis:
  container_name: immich_redis
  image:
docker.io/valkey/valkey:9@sha256:546304417feac0874c3dd576e0952c6bb8f06b
b4093ea0c9ca303c73cf458f63
  healthcheck:
    test: redis-cli ping || exit 1
    restart: always

database:
  container_name: immich_postgres
  image: ghcr.io/immich-app/postgres:14-vectorchord0.4.3-
pgvectors0.2.0@sha256:bcf63357191b76a916ae5eb93464d65c07511da41e3bf7a84
16db519b40b1c23
  environment:
    POSTGRES_PASSWORD: ${DB_PASSWORD}
    POSTGRES_USER: ${DB_USERNAME}
    POSTGRES_DB: ${DB_DATABASE_NAME}
    POSTGRES_INITDB_ARGS: '--data-checksums'
    # Uncomment the DB_STORAGE_TYPE: 'HDD' var if your database isn't
stored on SSDs
    DB_STORAGE_TYPE: 'HDD'
  volumes:
    # Do not edit the next line. If you want to change the database
storage location on your system, edit the value of DB_DATA_LOCATION in
the .env file
    - ${DB_DATA_LOCATION}:/var/lib/postgresql/data
  shm_size: 128mb
  restart: always
  healthcheck:
    disable: false
```

.env

```
# You can find documentation for all the supported env variables at
https://docs.immich.app/install/environment-variables

# The location where your uploaded files are stored
UPLOAD_LOCATION=/media/images/immich/library

# The location where your database files are stored. Network shares are
not supported for the database
DB_DATA_LOCATION=/opt/immich/postgres

# To set a timezone, uncomment the next line and change Etc/UTC to a TZ
identifier from this list:
https://en.wikipedia.org/wiki/List_of_tz_database_time_zones#List
TZ=Europe/London

# The Immich version to use. You can pin this to a specific version
like "v2.1.0"
IMMICH_VERSION=v2

# Connection secret for postgres. You should change it to a random
password
# Please use only the characters `A-Za-z0-9`, without special
characters or spaces
DB_PASSWORD=postgres

# The values below this line do not need to be changed
#####
#####
DB_USERNAME=postgres
DB_DATABASE_NAME=immich
homeserver/immich/.env (END)
```

To import existing folders, google photos, picasa, icloud, etc, use immich-go:

<https://github.com/simulot/immich-go>

<https://github.com/simulot/immich-go/blob/main/docs/examples.md#conservative-upload-slow-network>

An api key needs to be generated for the user the photos should be imported for.

Example command:

```
# Optimize for slow/unstable connection
./immich-go upload from-folder --server=http://localhost:2283 --api-
key=your-api-key \
  --concurrent-tasks=1 --client-timeout=120m --on-errors=continue \
  --manage-raw-jpeg=StackCoverRaw --manage-burst=Stack \
  /path-to-photos
```

Sensible defaults, use folder names as album title, stack burst and raw/jpg sets and exclude immich folder (as it is in the /media/images folder in this example):

```
./immich-go upload from-folder --server=http://localhost:2283 --api-  
key=your-api-key \  
  --concurrent-tasks=4 --client-timeout=60m --on-errors=continue \  
  --manage-raw-jpeg=StackCoverRaw --manage-burst=Stack --client-timeout=60m  
\  
  --pause-immich-jobs=true --folder-as-album=FOLDER --session-tag \  
  --ban-file 'immich/' \  
  /media/images
```

From:

<http://wuff.dyndns.org/> - **Wulf's Various Things**

Permanent link:

<http://wuff.dyndns.org/doku.php?id=config:immich>

Last update: **2026/04/30 17:11**

