

# Thumbor

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## Running with Docker

Unfortunately Thumbor doesn't have an *official* Docker image it looks like, but there are some trusted unofficial images, in particular, the [minimalcompact/thumbor](#) image.

```
version: '3'
services:
  thumbor:
    image: ghcr.io/minimalcompact/thumbor
    environment:
      # VIRTUAL_HOST is picked up by nginx-proxy. Here it's set for localhost
      # but you usually need to point it to your domain, e.g. thumbor.example.com
      - VIRTUAL_HOST=localhost
      # THUMBOR_NUM_PROCESSES control how many processes run inside the container
      # Normally this is set in connection with the number of CPU cores
      # Note however that you can also use the docker-compose scale option to dynamically
      # scale your thumbor instances
      - THUMBOR_NUM_PROCESSES=4
      # this would allow CORS from any origin (you can restrict to specific origins if you want)
      - CORS_ALLOW_ORIGIN=*
      # returns a webp image if browser Accept headers match
      - AUTO_WEBP=True
      # nginx-proxy does caching automatically, so no need to store the result storage cache
      # (this greatly speeds up and saves on CPU)
      - RESULT_STORAGE=thumbor.result_storages.no_storage
      - RESULT_STORAGE_STORES_UNSAFE=True
      - STORAGE=thumbor.storages.file_storage
    restart: always
  networks:
```

nginx-proxy:

image: ghcr.io/minimalcompact/thumbor-nginx-proxy-cache

environment:

# setting the DEFAULT\_HOST to the same as the VIRTUAL\_HOST above.

# Makes sure it works irrespective of the host name

# Normally this won't be necessary, but it helps for testing.

- DEFAULT\_HOST=localhost

# optional: control cache memory size (default 500m), cache size (default 10g) and inactive (default 300m)

# see [https://nginx.org/en/docs/http/nginx\\_http\\_proxy\\_module.html#proxy\\_cache\\_path](https://nginx.org/en/docs/http/nginx_http_proxy_module.html#proxy_cache_path)

- PROXY\_CACHE\_SIZE=10g

- PROXY\_CACHE\_MEMORY\_SIZE=500m

- PROXY\_CACHE\_INACTIVE=300m

volumes:

# this is essential for nginx-proxy to detect docker containers, scaling etc

# see <https://github.com/nginx-proxy/nginx-proxy>

- /var/run/docker.sock:/tmp/docker.sock:ro

# mapping cache folder, to persist it independently of the container

- ./cache:/var/cache/nginx

ports:

- "80:80"

- "443:443"

restart: always

networks:

- app

volumes:

cache:

driver: local

networks:

app:

driver: bridge

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