

# Heimserver Paps

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# Docker Images

## Adguard

```
docker run --name adguardhome --restart unless-stopped \  
-v Adguard_Data:/opt/adguardhome/work -v Adguard_Conf:/opt/adguardhome/conf \  
-p 53:53/tcp -p 53:53/udp -p 67:67/udp -p 68:68/udp -p 88:80/tcp -p 450:443/tcp \  
-p 450:443/udp -p 3000:3000/tcp -p 853:853/tcp -p 784:784/udp -p 853:853/udp \  
-p 8853:8853/udp -p 5443:5443/tcp -p 5443:5443/udp -d adguard/adguardhome
```

## Unifi-Controller

```
docker run -d \  
  --name=unifi-controller \  
  -e PUID=1000 \  
  -e PGID=1000 \  
  -e MEM_LIMIT=1024 `#optional` \  
  -e MEM_STARTUP=1024 `#optional` \  
  -p 8443:8443 \  
  -p 3478:3478/udp \  
  -p 10001:10001/udp \  
  -p 8080:8080 \  
  -p 1900:1900/udp `#optional` \  
  -p 8843:8843 `#optional` \  
  -p 8880:8880 `#optional` \  
  -p 6789:6789 `#optional` \  
  -p 5514:5514/udp `#optional` \  
  -v Unifi_Data:/config \  
  --restart unless-stopped \  
  lscr.io/linuxserver/unifi-controller:latest
```

## Homarr

```
docker run \  
  --name homarr \  
  --restart unless-stopped \  
  -p 7575:7575
```

```
-v Homarr_Data:/app/data/configs \  
-d ghcr.io/ajnart/homarr:latest
```

## Nextcloud

```
docker run -d \  
  --name=nextcloud \  
  -e PUID=1000 \  
  -e PGID=1000 \  
  -e TZ=Europe/London \  
  -p 444:443 \  
  -v Nextcloud_Conf:/config \  
  -v /srv/dev-disk-by-uuid-0432c0f3-964c-4cca-8380-10f4e4851715/Nextcloud:/data \  
  --restart unless-stopped \  
  lscr.io/linuxserver/nextcloud:latest
```

## NginxProxyManager

```
docker run -d \  
  --name=nginx-proxy-manager \  
  -p 8181:8181 \  
  -p 8080:8080 \  
  -p 4443:4443 \  
  -v NPM_Data:/config:rw \  
  jlesage/nginx-proxy-manager
```

## Wireguard + UI

```
version: "3.7"  
services:  
  wireguard:  
    image: lscr.io/linuxserver/wireguard:latest  
    container_name: wireguard  
    cap_add:  
      - NET_ADMIN  
      - SYS_MODULE  
    environment:  
      - PUID=1000  
      - PGID=1000  
      - TZ=Europe/Berlin
```

- PEERS=1 #optional
- PEERDNS=auto #optional
- ALLOWEDIPS=0.0.0.0/0 #optional
- LOG\_CONFS=true #optional

volumes:

- WG\_Conf:/config
- WG\_Data:/lib/modules

ports:

- 51820:51820/udp

sysctls:

- net.ipv4.conf.all.src\_valid\_mark=1

restart: unless-stopped

networks:

- proxy

wg-ui:

image: ngoduykhanh/wireguard-ui:latest

container\_name: wg-ui

cap\_add:

- NET\_ADMIN

network\_mode: service:wireguard

environment:

- SESSION\_SECRET
- WGUI\_USERNAME=admin
- WGUI\_PASSWORD=password

logging:

driver: json-file

options:

max-size: 50m

volumes:

- WG\_UI\_Conf:/app/db
- WG\_UI\_Conf:/etc/wireguard

networks:

proxy:

external: true

[Traefik Compose:](#)

```
version: '3'
services:
  traefik:
    image: traefik:latest
    container_name: traefik
    restart: unless-stopped
    security_opt:
      - no-new-privileges:true
    networks:
      - proxy
    ports:
      - 87:80
      - 445:443
    volumes:
      - /etc/localtime:/etc/localtime:ro
      - /var/run/docker.sock:/var/run/docker.sock:ro
      - /var/lib/docker/volumes/Traefik_Data/_data/traefik.yml:/traefik.yml:ro
      - /var/lib/docker/volumes/Traefik_Data/_data/acme.json:/acme.json
      - /var/lib/docker/volumes/Traefik_Data/_data/dynamic_conf.yml:/dynamic_conf.yml
    labels:
      - "traefik.enable=true"
      - "traefik.http.routers.traefik.entrypoints=http"
      - "traefik.http.routers.traefik.rule=Host(`traefik.example.com`)"
      - "traefik.http.middlewares.traefik-auth.basicauth.users=USER:PASSWORD"
      - "traefik.http.middlewares.traefik-https-redirect.redirectscheme.scheme=https"
      - "traefik.http.routers.traefik.middlewares=traefik-https-redirect"
      - "traefik.http.routers.traefik-secure.entrypoints=https"
      - "traefik.http.routers.traefik-secure.rule=Host(`traefik.example.com`)"
      - "traefik.http.routers.traefik-secure.tls=true"
      - "traefik.http.routers.traefik-secure.tls.certresolver=http"
      - "traefik.http.routers.traefik-secure.service=api@internal"
      - "providers.file.filename=/dynamic_conf.yml"
      - "traefik.http.routers.traefik-secure.middlewares=secHeaders@file,traefik-auth"
    networks:
      proxy:
        external: true
```

# Smarthome Papa

# Hoymiles AhoyDTU

```
{
  "menu": {
    "name": ["Live", "Serial Console", "Settings", "-", "REST API", "-", "Update", "System"],
    "link": ["/live", "/serial", "/setup", null, "/api", null, "/update", "/system"],
    "trgt": [null, null, null, null, "_blank"]},
  "system": {
    "ssid": "Tranceport",
    "device_name": "AH0Y DTU",
    "version": "0.5.28",
    "build": "2e08ee0",
    "ts_uptime": 376,
    "ts_now": 1742834334,
    "ts_sunrise": 0, "ts_sunset": 0, "ts_sun_upd": 0, "wifi_rssi": -58,
    "disclaimer": false, "esp_type": "ESP8266"},
  "inverter": {
    "inverter": [], "interval": "30", "retries": "5", "max_num_inverters": 4},
  "mqtt": {
    "broker": "192.168.2.10", "port": "1883", "user": "", "pwd": "", "topic": "inverter"},
  "ntp": {
    "addr": "pool.ntp.org", "port": "123"},
  "sun": {
    "lat": "", "lon": "", "disnightcom": false},
  "pinout": {
    "cs": 15, "ce": 2, "irq": 0},
  "radio": {
    "power_level": 1},
  "serial": {
    "interval": 5, "show_live_data": false, "debug": false}}
```