

Raspian

- [50 coole Raspberry-Pi-Projekte für den Sommer 2023](#)

Einrichten

[Ersteinrichtung](#)

[Camera Module 3 on RPi5](#)

[Remote access](#)

Docker einrichten

[Wie man Docker auf dem Raspberry Pi in 15 Minuten einrichtet \(heise\)](#)

```
mkdir docker && cd docker
```

```
curl -fsSL https://get.Docker.com -o get-Docker.sh
```

```
sudo sh get-Docker.sh
```

```
sudo usermod -aG docker $USER
```

```
newgrp docker
```

```
docker run hello-world
```

```
docker volume create portainer_data
```

```
docker run -d -p 8000:8000 -p 9443:9443 --name portainer --restart=always -v  
/var/run/docker.sock:/var/run/docker.sock -v portainer_data:/data  
portainer/portainer-ee:latest
```

Aufrufen mit <https://ip-adress:9443/>

Systeminformationen posten

```
sudo apt install pastebinit  
raspinfo | pastebinit
```

DebianUpgrade

```
# First, ensure your system is up-to-date in it's current release.
$ sudo apt-get update
$ sudo apt-get upgrade
$ sudo apt-get full-upgrade

# If you haven't already, ensure all backups are up-to-date.

# In a text editor, replace the codename of your release with that of the
next release in APT's package sources
# For instance, the line
#   deb https://deb.debian.org/debian/ buster main
# should be replaced with
#   deb https://deb.debian.org/debian/ bullseye main
$ sudo nano /etc/apt/sources.list /etc/apt/sources.list.d/*

# If you are migrating to Bookworm or later, then a new repo for non-free
firmware is available.
# If you wish, you can add non-free and non-free-firmware, depending on your
specific needs.
# For instance, the line
#   deb https://deb.debian.org/debian/ bookworm main contrib non-free non-
free-firmware
# or
#   deb https://deb.debian.org/debian/ stable main contrib non-free non-
free-firmware

# Clean and update package lists
$ sudo apt-get clean
$ sudo apt-get update

# Perform the major release upgrade, removing packages if required
# Interrupting this step after downloading has completed is an excellent way
to stress-test your backups
$ sudo apt-get upgrade
$ sudo apt-get full-upgrade

# Remove packages that are not required anymore
# Be sure to review this list: you may want to keep some of them
$ sudo apt-get autoremove

# Reboot to make changes effective (optional, but recommended)
$ sudo shutdown -r now
```

VNC

- [VNC on the RaspberryPi 5 with PiOS Bookworm](#)

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