

Banana Pi M2 Ultra als headless VDR

Quellen:

- [Getting started with Armbian](#)
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funktionierende Images:

- https://armbian.systemonachip.net/archive/bananapim2ultra/archive/Armbian_20.05.2_Bananapim2ultra_bullseye_current_5.4.43.img.xz - Login: root/1234

SD-Karte befüllen:

```
wget
https://armbian.systemonachip.net/archive/bananapim2ultra/archive/Armbian_20
.05.2_Bananapim2ultra_bullseye_current_5.4.43.img.xz
xz -d Armbian_20.05.2_Bananapim2ultra_bullseye_current_5.4.43.img.xz
sudo dd if=Armbian_20.05.2_Bananapim2ultra_bullseye_current_5.4.43.img
of=/dev/sdc bs=1M
# oder via USBImager direkt die *.xz Datei auf eine SD-Karte schreiben
# oder
# xzcat Armbian_20.05.2_Bananapim2ultra_bullseye_current_5.4.43.img.xz |
sudo dd bs=1M of=/dev/sdc
```



Die erste Boot-Phase ist sehr lang! Bis zu einem SSH-Login kann es mehr als 10 Minuten dauern.

Building Armbian

```
apt-get -y -qq install git
git clone --depth 1 https://github.com/armbian/build
cd build
./compile.sh

# fertiges Image liegt dann unter: "build/output/images/"
# Automatischer Build für ein Standard-Image:
01: ./compile.sh BOARD=bananapim2ultra BRANCH=current RELEASE=buster
BUILD_MINIMAL=yes BUILD_DESKTOP=no KERNEL_ONLY=no KERNEL_CONFIGURE=prebuilt
```

```
COMPRESS_OUTPUTIMAGE=sha,gpg,img  
02: ./compile.sh BOARD=bananapim2ultra BRANCH=current RELEASE=focal  
BUILD_MINIMAL=yes BUILD_DESKTOP=no KERNEL_ONLY=no KERNEL_CONFIGURE=prebuilt  
COMPRESS_OUTPUTIMAGE=sha,gpg,img
```

Konfig

```
mcedit /etc/apt/sources.list  
  
deb http://deb.debian.org/debian bullseye main contrib non-free  
deb-src http://deb.debian.org/debian bullseye main contrib non-free  
  
deb http://deb.debian.org/debian-security/ bullseye-security main contrib  
non-free  
deb-src http://deb.debian.org/debian-security/ bullseye-security main  
contrib non-free  
  
deb http://deb.debian.org/debian bullseye-updates main contrib non-free  
deb-src http://deb.debian.org/debian bullseye-updates main contrib non-free
```

```
sudo su  
resize2fs /dev/mmcblk0p1  
#  
  
apt-get install aptitude armbian-config  
apt-get purge locales  
aptitude install locales  
dpkg-reconfigure locales  
# --> en_US.UTF-8  
#  
#change /boot/armbianEnv.txt to have "verbosity=7" and "console=serial"  
mcedit /boot/armbianEnv.txt  
#
```

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Permanent link:
http://www.xn--vonthlen-b6a.de/doku.php/wiki/projekte/bananapi_m2u_vdr/uebersicht

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