Installation Debian

single board computer, Olimex, A20, Debian

À venir.

Préparation de la carte SD

Nous créons les deux partitions

```
fdisk /dev/sdb
n
1
entrée
+100M
n
2
entrée
entrée
w
q
```

Et nous les formatons

```
mkfs.ext2 /dev/sdb1
mkfs.btrfs /dev/sdb2
```

Nous les montons

```
mkdir /mnt/boot
mount /dev/sdb1 /mnt/boot
mount /dev/sdb2 /mnt
```

debootstrap

Nous créons le debootstrap

```
qemu-debootstrap --verbose --include=linux-image-armmp-lpae,locales,flash-kernel,sunxi-tools,firmware-linux,debconf,firmware-realtek --arch=armhf --components main,contrib,non-free stretch /mnt http://ftp.debian.org/debian
```

```
grep Olimex usr/share/flash-kernel/db/all.db
mkdir /mnt/etc/flash-kernel/
echo "Olimex A20-Olinuxino Micro" > /mnt/etc/flash-kernel/machine
```

```
echo 'LINUX_KERNEL_CMDLINE="console=ttyS0,115200 hdmi.audio=EDID:0
disp.screen0_output_mode=EDID:1280x1024p60 root=/dev/mmcblk0p2 rootwait
panic=10 ${extra}"' >> /mnt/etc/default/flash-kernel
```

```
echo "rtc_sunxi" >> /mnt/etc/initramfs-tools/modules
```

Liens

- installing FreedomBox
- installing Debian on Allwinner (wiki Debian)
- images SD card Debian
- build a debian with qemu bootstrap

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