

Raspberry Pi: Prepare PiCore

Note: This is an alternative to using Raspbian. Although not necessary, reading [how-to on preparing the SD card](#) is recommended.

Preparing SD Card with PiCore

work in progress...

- download image from <http://distro.ibiblio.org/tinycorelinux/ports.html>
- select latest stable image (in zip format)
- unzip and dd to sdcard
- use fdisk to resize second partition (linux)
 - = e.g. fdisk /dev/sde
 - = watch the start block!
- use resize2fs to resize to full capacity
 - = e.g. resize2fs /dev/sde2
- reboot and do stuffs
 - = [INIT] filetool.sh -b
 - = [BASE] tce-load -wi TC
 - = [MINE] tce-load -wi compiletc git geany

```
fdisk -lu /path/disk.img
```

-> in sector counts (usually 512-bytes sectors)

```
mount -o loop,offset=xxxx /path/disk.img /mnt/disk.img.partition
```

-> offset in bytes!

picore requires:

```
> tce-load -wi i2c-tools
```

```
> sudo modprobe i2c-dev
```

```
i2cdetect -y 1
```

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