

raspberrypi

información

- <https://www.raspberrypi.org/documentation/>
- <http://www.vichauter.org/como-se-hace/como-conectar-montar-discos-duros-usb-la-raspberry-pi>

tutoriales

- raspi-zero USB minicomputer :
<https://lifehacker.com/turn-a-raspberry-pi-zero-into-a-miniature-dongle-comput-1786996571>
- firewall : <https://opensource.com/life/16/3/firewall-your-home-network-raspberry-pi>
- supercomputer : <http://www.instructables.com/id/How-to-Make-a-Raspberry-Pi-SuperComputer/>

bash

- `$ sudo raspi-config`
- `$ startx` → arranca entorno gráfico
- `$ sudo reboot`
- `$ sudo rpi-update` : actualización firmware
- `$ cat /sys/devices/system/cpu/cpu0/cpufreq/scaling_cur_freq`
- `$ vim /etc/config.txt`
 - `arm_freq=700` # default 700, hasta 1500 (creo)
 - `agp_freq=xxx` #
- temperatura:
 - `$ cat /proc/acpi/thermal_zone/ATF0/temperature`
 - `$ cat /sys/class/thermal/thermal_zone0/temp`

reconfiguración teclado

- `dpkg-reconfigure keyboard-configuration`
- `setupcon`

NFS

- `rpcbind`
- `nfs-common`
- `nfs-kernel-server`

ifconfig

IP estática

/vía: <https://pi-hole.net/faq/how-do-i-set-a-static-ip-address-in-raspbian-jessie-using-etcdhcpd-conf/>

- `nano /etc/dhcpd.conf`

- añadir:

```
interface eth0
static ip_address=192.168.1.141/24
static routers=192.168.1.1
static domain_name_servers=192.168.1.1
```

WIFI (RASPI3)

- scan de redes wifi: `sudo iwlist wlan0 scan`
- configuración:
 - `nano /etc/wpa_supplicant/wpa_supplicant.conf`
 - añadir:

```
network={
    ssid="nombre_red"
    psk="wifi_password"
}
```

- debería automaticamente, al cabo de unos segundos, conectarse, pero:
 - `reboot`
 - `sudo ifdown wlan0 y sudo ifup wlan0`
- /Vía: <https://www.raspberrypi.org/documentation/configuration/wireless/wireless-cli.md>

minecraft

- <http://www.lowefamily.com.au/2015/06/21/running-a-minecraft-server-on-raspberry-pi/>
- Pi3: <https://pimylifeup.com/raspberry-pi-minecraft-server/>
- <http://picraftbukkit.webs.com/pi-minecraft-server-how-to>
 - no usar este server, usar el propio de minecraft, pero si instrucción de arranque
 - https://s3.amazonaws.com/Minecraft.Download/versions/1.8.4/minecraft_server.1.8.4.jar

GPIO

Pibrella

- <http://simplesi.net/scratchgpio/addon-boards/pibrella/>
- <http://www.tecoed.co.uk/pibrella-alarm-system.html>
- http://www.amazon.es/gp/offer-listing/B00JACWLS5/ref=dp_olp_0?ie=UTF8&condition=all

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