

Guide#raspiSerie_02_FLASH_CARD

The PI Countdown and Liftoff - The Initial Launch!!! 02 #piSerie

Configuring your PI

Expand rootfs

Basic Commands to Explore Your Pi

1. `sudo su -`
2. `cat /proc/cpuinfo`
3. `ip addr show eth0`
4. `sudo raspi-config`
5. `sudo reboot`
6. `df / -h`
7. `free -h`
8. `date`
9. `exit`
10. `sudo shutdown -h now`

Keeping your System Software Up-To-Date

1. `sudo apt-get update`
2. `sudo apt-get dist-upgrade`

Keeping your System Firmware Up-To-Date

1. `sudo wget http://goo.gl/1B0fJ -O /usr/bin/rpi-update && sudo chmod +x /usr/bin/rpi-update`
2. `sudo apt-get install git-core`
3. `sudo rpi-update`

Wi-Fi Network Setup

1. `startx`
2. Double-click on the WiFi Config icon located on the desktop;
3. From the Network drop-down menu, select Add;
4. Fill out the information for your access point and click on the Add button;

5. Your Wi-Fi adapter will associate immediately with the access point and should receive an IP address as listed under the Current Status tab;
 6. From the File drop-down menu, select Save Configuration;
 7. Exit the application and log out of the desktop environment:
- exit