SD Cards

OS SD card size requirements

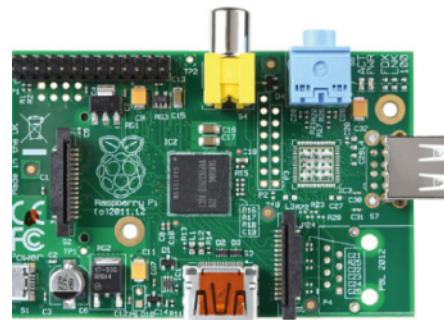| OS Distribution	Size
NOOBS • RASPBIAN • UBUNTU MATE • WINDOWS 10 IOT CORE	8GB Recommended
RASPBIAN Lite	4GB
OSMC • LIBREELEC	< 1 GB

SD card class

- The class determines the sustained write speed for the card

  - e.g. class 4 card will be able to write at 4 MB/s and a class 10 should be able to attain 10 MB/s

- Class 10 may not outperform a class 4, because write speed is achieved at the cost of read speed

  - Increased seek times introduced with larger write speeds
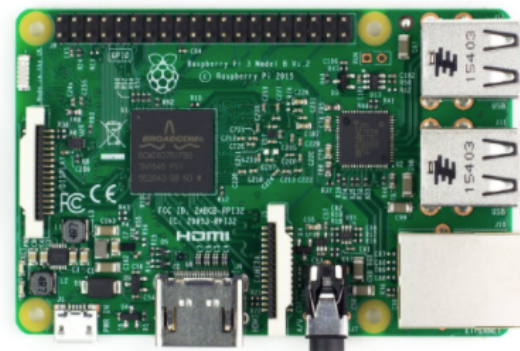
SD card physical size

Model		Size
Raspberry Pi Model A Raspberry Pi Model B		Full-Size SD Card
Raspberry Pi Model A+ Raspberry Pi Model B+ Raspberry Pi 2 Model B Raspberry Pi Zero Raspberry Pi 3 Model B		Micro SD Card

Having SD corruption issues?

- Use genuine SD Cards

- Use a good quality power supply

- Use a good quality USB cable for the power supply

- Shut down Pi properly before turning off

  - Type > sudo halt

- Overclocking known to cause corruption issues