

A decorative graphic on the left side of the slide, consisting of white and light blue lines that resemble a circuit board or a stylized tree structure, with small circles at the ends of the branches.

# SINGLE BOARD COMPUTERS

ARE YOU ON THE RIGHT AIRPLANE?

# MEETING AGENDA

1. Random Access
2. Presentation (hopefully every month)
3. More project discussion, questions and answers

# HARDWARE YOU NEED TO GET STARTED

- Raspberry Pi Model B – all Pi B's have Ethernet so there is more opportunity for fun.
- USB keyboard and mouse – use spares from your last desktop machine (PS/2 to USB adapter did not work for me)
- SD Card – recommended at least 4 GB. Newer Pi's use micro-SD (caveat emptor); be sure you have whatever adapter or card reader is needed for your computer.
- Power Supply – 5 volts, 2 amps recommended; micro USB connector (same as all recent phones (except Apple, of course). A muscular USB hub can be your power source. That old cell phone wall wart is probably too anemic.
- Initial investment should be less than \$50.



# TOOLS YOU WILL NEED

- [Raspberry Pi website](#) – Information and basic downloads
- [SD Card Formatter](#) – reformates an SD card recovering “lost” capacity.
- An operating system. To get started, there is [NOOBS](#) (New Out Of the Box Software), a way to try several OS’s with one download.
- [UNet Boot Installer](#) – Creates bootable SD cards from ISO files.
- [7-zip](#) – Opens gnu zipped archive files

# SOME PROJECTS

1. [Browse Anonymously with a DIY Raspberry Pi VPN/TOR Router](#)
2. [Raspberry Pi Remote For Free!](#)
3. [MAMEFrame - The battery-powered MAME system](#)
4. [Raspberry Pi Tor relay](#)
5. [Go Online without Getting Snooped: Tor \(The Onion Router\)](#)