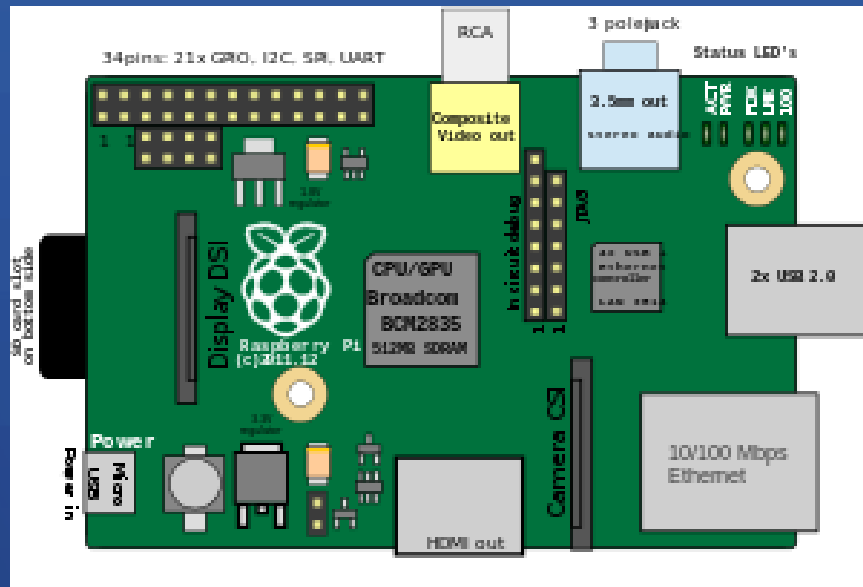
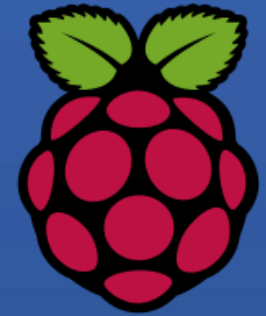
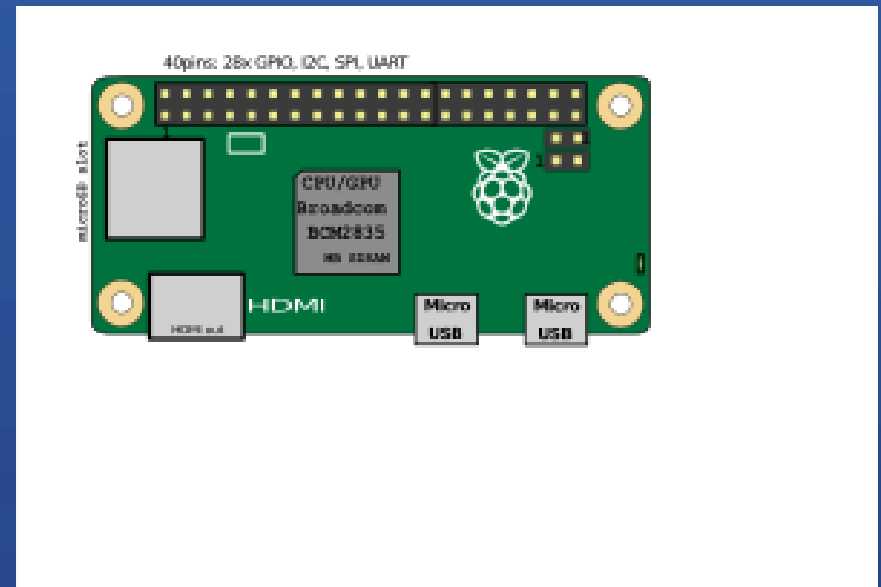


What is Raspberry Pi?

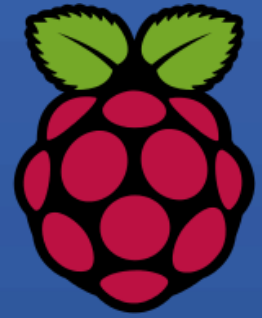


B2



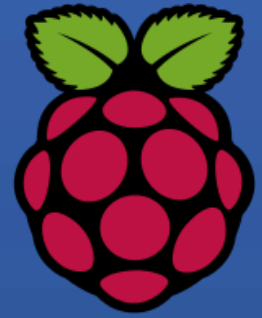
Zero

Credit Card-sized computer



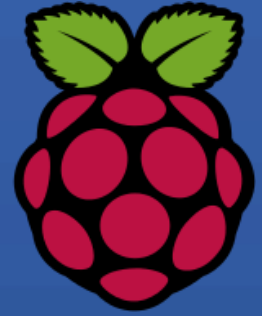
- linux (raspbian)
- microSD memory cards, Class 10
- Model B
- Model B+
- Model A
- Model 2 B linux & Windows 10
- Pi Zero - \$5 computer (microSD card, cables, case, extra)

Raspberry Pi 2 B features



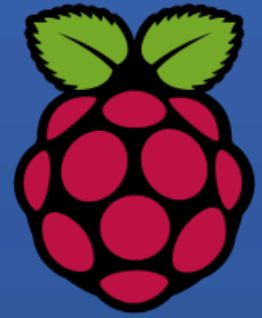
- A 900MHz quad-core ARM Cortex-A7 CPU
- 1GB RAM
- 4 USB ports
- 40 GPIO pins
- Full HDMI port
- Ethernet port
- Combined 3.5mm audio jack and composite video
- Camera interface (CSI)
- Display interface (DSI)
- Micro SD card slot
- VideoCore IV 3D graphics core

Raspberry Pi Zero features



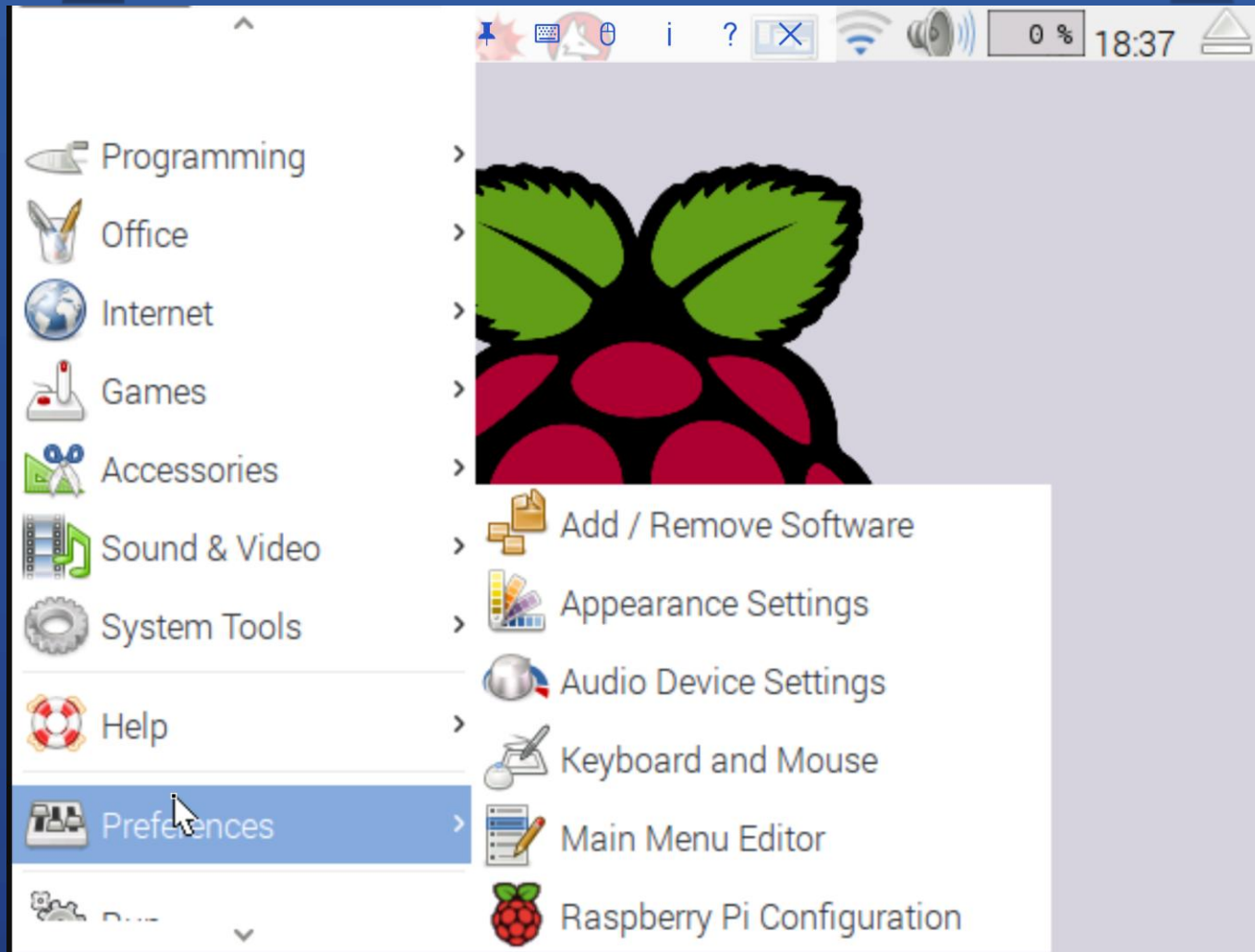
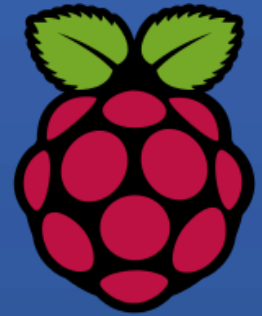
- Broadcom BCM2835 application processor
- 1 GHz ARM11 core (40 percent faster than Raspberry Pi 1)
- 512 MB of LPDDR2 SDRAM
- One microSD card slot
- One mini-HDMI port for 1080p video output at 60 fps
- Two micro-USB sockets for data and power
- One unpopulated 40-pin GPIO header
- One unpopulated composite video header
- Identical pinout to Model A+/B+/2B
- Our smallest ever form factor, at 65mm x 30mm x 5mm

How can you access these computers?

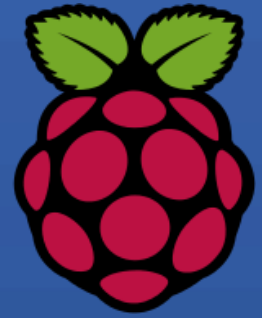


- USB Keyboard, mouse, HDMI TV (needed for setup)
- ssh
- Xwindows
- vnc
- rdp (read-only so far)

Desktop Screen Shot



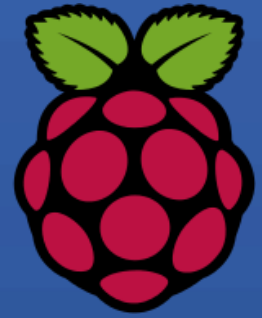
What can you do with it?



- Headless File Server
- Web Server
- Print Server
- Router
- WiFi Hotspot
- Device Controller
- Desktop replacement

Make PI Articles

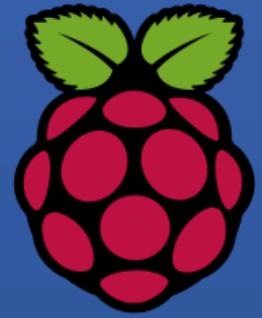
www.makezine.com



- Make Issue 49 – February/March 2016.
- 30. Meet Raspberry Pi Zero, the \$5 Single Board Computer – The Pi Foundation aims to put computers into even more hands.
- 39. RPi AirPlay Receiver – Stream your tunes to a Raspberry Pi.
- 82. Tool Reviews - Large bore drill bits, Leatherman Tread bracelet, Actobotics rover chassis, Raspberry Pi robot starter kit, and more useful gear.
- Make Issue 45 – May 2015
- 72. Raspberry Pi Home Arcade - Play your

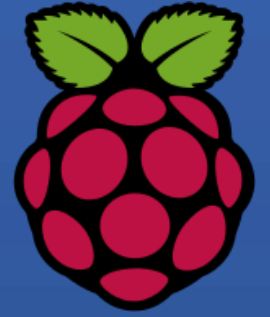
Nuts & Volts PI Articles

www.nutsvolts.com



- Nuts & Volts Issue - August 2015
- 40. A Web Controlled Music and Internet Radio Player – Never be at a lack for music with this incredibly flexible system that features the Pi MusicBox software. By Craig A. Lindley
- Nuts & Volts Issue - January 2015
- 19. The Ham's Wireless Workbench. Practical Technology from the Ham World New. An Intro and Antennas. Amateur radio is back in the pages of NV! Did you know that hams are big players in the Arduino and Raspberry Pi communities? Even if you're not interested in

What have I done with it?



- Streaming Audio capture
- mp3 clip editing/tag editing
- DVD backup
- QR codes
- Web server
- web development (perl)