Raspberry PI 2: Model B

**Technical Specifications:**

* Broadcom BCM2837 Arm7 Quad Core Processor powered Single Board Computer running at 900MHz
* 1GB RAM
* 40pin extended GPIO
* 4 x USB 2 ports
* 4 pole Stereo output and Composite video port
* Full size HDMI
* CSI camera port for connecting the Raspberry Pi camera
* DSI display port for connecting the Raspberry Pi touch screen display
* Micro SD port for loading your operating system and storing data
* Micro USB power source

**Raspberry Pi 2 Model B Features:**

* Broadcom BCM2837Arm7 Quad Core Processor powered Single Board Computer running at 900MHz
* 1GB RAM so you can now run bigger and more powerful applications
* Identical board layout and footprint as the Model B+, so all cases and 3rd party add-on boards designed for the Model B+ will be fully compatible.
* Fully HAT compatible
* 40pin extended GPIO to enhance your “real world” projects. GPIO is 100% compatible with the Model B+ and A+ boards. First 26 pins are identical to the Model A and Model B boards to provide full backward compatibility across all boards.
* Connect a Raspberry Pi camera and touch screen display (each sold separately)
* Stream and watch Hi-definition video output at 1080P
* Micro SD slot for storing information and loading your operating systems.
* Advanced power management:
* You can now provide up to 1.2 AMP to the USB port – enabling you to connect more power hungry USB devices directly to the Raspberry PI. (This feature requires a 2Amp micro USB Power Supply)
* 10/100 Ethernet Port to quickly connect the Raspberry Pi to the Internet
* Combined 4-pole jack for connecting your stereo audio out and composite video out