Raspberry Pi

Spectacular Credit-card sized single-boarded computers!

The Raspberry Pi is a series of credit card sized computers developed by Raspberry Pi Foundation. They are designed on a single board so that they don’t occupy a lot of space and are available for a cheap rate. They were first introduced with the intention of promoting the teaching of basic computer science in schools.

What is so special?

The most special thing about the Raspberry Pi computers, is that they are single boarded computer, loaded with basic features and sufficient processing capacity and are available for as low as $20! These mini-computers provide processors, RAM and graphics too. And they also provide sockets for MicroSD for boot media and Storage expansion! In this generation of ever evolving computers, Raspberry Pi has come to the rescue of those people who can’t afford laptops and Desktops but need them for their work. Raspberry Pi has also allowed many schools to teach basic computer science to their students without shelling out a fortune, as these magical boards are available from $20 to $50. Yes, they are this cheap!

Models and Specs

There are basically two models- Pi 1 and Pi 2. Although, the Pi 1 is available in three variants.

**Raspberry Pi 1 :**

**Operating System :** Linux, RISC OS, FreeBSD, NetBSD, Plan 9 and Inferno. Unfortunately, the first model of Raspberry pi didn’t support windows operating system, but they have added it in their latest model!

**CPU :** 700 MHz single core

**Memory :** 256 MB(Model A, A+) and 512 MB(Model B)

**Storage :** 4 GB IC Chip and MicroSDHC slot.

**Graphic :** Broadcom VideoCore

**Power :** 1.5 to 3 W

**Raspberry Pi 2:**

**Operating System :** Same as Raspberry Pi 1 + Windows 10, Ubuntu and Android.

CPU : 900 MHz quad core

Memory : 1 GB

Storage : MicroSHDC Slot

Graphics : Broadcom VideoCore

Power : 4.0 W