Why did we choose rasberry pi

Advantages of the Raspberry Pi:

It is important for customers and business owners that want to get the Raspberry Pi to consider whether it fits with their business strategy and are willing to go through the process of putting it together and tailoring the product to their own needs. The benefits that this products offers besides the low price point are:

This microcomputer is useful for small or home based businesses that run on a smaller budget than bigger companies for you are not required to purchase any special licenses from the Raspberry Pi Foundation to use their product or if you invent new technology that embeds the product. Small business owners can use it to automate any small task, such as using the Pi to run a website ( as long as it does not have a lot of traffic), or use it as a small database and media server... pretty much anything that doesn't require the Windows operating system or other systems that does not support Linux and lots of traffic). Businesses can also save money on buying cooling systems that are required to cool servers.

The product does not require the user to have extensive programming experience since it is aimed for the younger generation to learn about programming. Python, the programming language that the Pi uses, is less complex than other languages available. For example, it has better code readability and allows the user to type concepts using fewer amount of lines. Python also has an automatic memory management function.

The product also gives you a lot of room to experiment and turn it into something else that is entirely different. The SD cards on the board can be easily switched, which allows you to change the functions of the device without spending a lot of time re-installing the software.

The Raspberry Pi is perfect for adaptive technology: it is able to display images or play videos at 1080p high definition resolution to building systems such as digital jukeboxes or prototyping embedded systems. This product makes it possible to build complex and effective products at a cheaper price. The post on "How Companies are using their Raspberry Pi" shows examples of how companies use the Pi to their advantage and " Interesting Raspberry Pi Projects" talks about the interesting inventions people make with the product.

The product is energy efficient and provides a greener ethical alternative to small businesses. This small credit card sized product makes it easy to recycle and does not release as much carbon dioxide emissions into the environment, unlike big servers that require lots of energy and extensive cooling systems.

Development platform: according to the article by Nick Heath on " Raspberry Pi: Five ways business can use it", the Raspberry Pi is a low cost alternative to test any products for software developers and network engineers such as testing firewall designs.