Why You Should Build A Computer

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Computers are now an essential part of life, and it's pretty obvious that people want the best for the cheapest price. But what is the best, is it always the most expensive Mac in the Apple store or, maybe it's whatever Geek Squad advises people to buy at Best Buy. Many people waste money on computers every day when they could easily get better for cheaper by building their own computer. Also, believe it or not building a computer is not as hard as it may seem.

This research paper is comparing buying a prebuilt computer to building a computer. What it will be comparing is how each computer will be able to run very extensive software and how well it can run a video game. Many people are now hearing about building a computer because of how popular online gaming has become. There are even large communities online with millions of people competing daily. What used to be rare is now common all around the globe. Building a computer however is not for everyone. Many people only buy computers just to type assignments and browsing the web. For people like that building a computer is not worth the time and effort required and should stick to the cheapest option.

There are many benefits to building a PC. It's cost effective. Perhaps the biggest benefit to building a computer from scratch is that the person building can pay according to their budget and what one plans on using the computer for. For example, if someone wants to play very high intensive games they're going to need a more powerful computer than just a computer for browsing the internet. So depending on a person's situation they don't have to go overboard and could potentially save a lot of money. Another benefit is that it's very customizable. Building a computer means that one doesn't have to settle for expensive parts when all they need is the bare minimum. Just getting the parts that are needed will save a lot of money and help people who have a very limited budget . The customizability is not just limited to hardware, it also applies to

software. People can buy whatever Operating System they feel is the best varying from Windows,MacOS, and Linux. From the hardware perspective, there is no limit to the amount of space one can have and there is no limit to how fast they want their computer to be. If someone's job requires them to have a lot of storage space they can buy very big hard drives that have space for up to sixty terabytes. There are endless possibilities. Building a PC has many benefits and is a great skill. So not only would people save a lot money, but they would also gain a skill that can help them for the rest of their lives.

Another reason to build a own computer is that pre built computers are not built to last. Companies use cheaper parts to cut down on production costs. Now this may be good for the companies that sell these computers but it is not good for the consumer. Most pre built computers will show signs of damage in the second year of use. This will result in much lower performance and a need to buy a new computer as soon as possible. However if someone was to build their own computer they can buy parts from trusted companies that have been proven to stand the test of time. A custom built computer made out of the high quality components will usually last for up to 5 years. After those five years a small upgrade to the main processor will usually fix the issue. So instead of buying a new computer every couple of years people can save money and get higher quality computers by building their own and getting small upgrades every 5 years or so.

There are many people however that say that building a PC is actually not better than just buying one. They argue that to build a PC a person would need a lot of research beforehand and that it's actually very hard. They also say that building a PC is more expensive as some higher end parts are over five hundred dollars. Another argument they give is that it's simply a hassle to

go out and find stores that actually sell all the parts one would need to build their computer. Some of these statements are partly true, however; being true does not mean it's being used in the right context.

The above arguments are mostly true but they are being used in the wrong context. For example to build a PC research is necessary, but research would also be necessary to purchase an already built computer. Computer buying isn't a simple task, it takes a lot of research ahead of time and that is not limited to just building computers. If someone is looking to purchase a computer what they would do is go online and look up what they need and try to find one that suits them for the lowest price. Also some people argue that some parts are very expensive, that is only true for the high-end parts that are mostly used by small companies that run big servers. It's like going for the most expensive computer at best buy, it's not needed unless it's for work. For example, the Mac Pro sells for around twenty-four hundred dollars. If that much is spent on a pre-built computer it will have specs somewhere around 5 times better than that of the Mac Pro. Finally for those who argue that finding parts are very hard, computer parts are available at every Best Buy and are also sold on Amazon.

There is also another major problem that comes with building a computer. When buying a computer component there is a very limited warranty on it. Usually there is a small amount of time given that allows someone to return their malfunctioning component back to the company for either a replacement or a new one altogether. For example someone buys a CPU from bestbuy and finds out it is actually defective, if it is within the warranty time it can be replaced easily but if it isn't that person will be stuck with that and will have to buy a new part.If that given time expires there will be no other choice than to buy a new part instead of having it

replaced. In Pre-built computers however it is not as complicated. They usually give up to two years of warranty where the person sends the computer back to the manufacturer and they fix the issue and ship it back. For example someone has had a computer for one year now then tries to power it on but it does not work. That person sends it back to the manufacturer and they will fix it and send it back. The prebuilt computer sounds like the cheaper option, however it is actually not. A custom built computer costs much less to build, that is why if one part breaks it would still be cheaper than having to buy a pre-built computer.

The first step to wanting to build a computer is research. First what one must do is look online, find the parts that work for them and find the cheapest deals. They also need to make sure that the parts are made by a trusted company that makes components that will last. The cheapest option is not always the best, sometimes an extra twenty dollars will make a big difference. They also need to be ready to pick it up or will be charged extra for shipping. A lot of people do not build computers just because they simply do not have the time. Read reviews and watch videos make sure that the parts they are buying have no defects and will be able to withstand up to five years of work.

A big part of computers is playing games. Nowadays gaming has actually become a career for some people. They play for millions of dollars in tournaments and there are even professional teams owned by billionaires. The primary reason for building a computer is to build a high performance gaming machine. The new games that are coming out require very high end components. So the only options are to downgrade for a console or to build a computer. Now there are many pre built computers that are made for gaming but they range from one thousand to five thousand dollars. If someone were to build a computer for eight hundred dollars they

would experience almost the same frame rates. The problem with the gaming on a console is that it will be limited when it comes to performance. It is also much cheaper to game on a computer than a console. For some reason a game that usually costs fifteen dollars on the computer costs somewhere around sixty to seventy dollars on a console. There are also huge sales on games on the computer that reduce the price of some games to the very low price of two dollars, whereas a sale on the console would lower the price to fifty dollars instead of sixty. That is also why most gaming tournaments where the professional teams play use computers instead of consoles, to reduce lag and framerate drops.

Gaming on a console means having to stick to a very limited amount of games.

Often times many enthusiasts tend to lean more towards the side of the custom-built computer because it allows for full customization and since those systems tend to be module allow for the most ideal setup. The term module can be defined as swappable parts. The use for this is to make sure that each and every user has the ability to upgrade the components within a system with ease rather than going to a third party and purchasing a new system entirely. Unlike the that of Apple which preaches upgrading the latest generation every time a new CPU is designed, the custom-built computer on the other hand preaches that the user should be enabled to have the same system allowing for modularity. This is the most common preference amongst editors and content creators alike. They tend to lean on Hackintoshes or custom-built computers with Mac OS installed on them. In terms of performance, the delta is insurmountable. It varies from system to system, but most believe that since Apple has not updated their desktop model ever since 2013 then the custom computer

So what does building a computer have to with Islam? It actually has a lot to do with Islam. Prophet Muhammad (peace be upon him) said: "The seeking of knowledge is obligatory for every Muslim." By learning how to build a computer you are gaining knowledge. Not only does that information help you but the computer you build can be used to gather even more information through the internet. Not only could you learn about virtually anything but you could also read the Quran or the translation of the Quran. One could also look up the life of any of the prophets and learn life lessons for free. A computer is a never ending book that if used in the right way could be a ticket to never ending knowledge.

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5. [Qur'an, 2:31-34]

6. Hadith 1381. Abu Hurairah

7.Hadith Sunan Ibn Majah 224

8. *[Quran, 96:1-5]*