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How to Assemble a Computer Using all the Right Parts by Tony Farinholt

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It is very easy to build a computer despite what some think. Many individuals will end up running into issues when buying pieces while not knowing if they will match together or not. Knowing what to look for will give someone peace of mind and turn the otherwise stressful situation into a great overall experience.

The motherboard should always have the same exact socket that the processor makes use of. Deciding on the CPU first is an excellent step since the entirety of the system will be based around that one part. Any other socket besides AM3+ will not work for a motherboard and CPU that have AM3+ compatibility. Similarly, the RAM must match, but it is a bit more obvious when buying. Given that there is only one type of DDR3 slot and type of RAM besides the laptop variant, any DDR3 module that is purchased will work with the DDR3 slots on the motherboard where it is fitted.

Using all contemporary SATA devices for hard drives and disc drives is important to ensure the top quality performance. Even though SATA is backwards compatible when it comes to speeds, it is excellent to get a drive and a motherboard that support the most recent 6.0 variant of the SATA technology. Disc drives simply do give much benefit when they possess faster speeds, and as such it is not important to get ones at the highest speeds possible.

The power supply will usually have the right connections for any situation, but in niche computer builds, there are more of certain plugs needed. Computers with several graphics cards will require the same amount of graphics card power plugs in order to run properly. Most rigged setups with splitters and converters will not work as correctly as they should as they simply do not supply the same sort of power needed.

High speed networks are very important, but often what comes on the motherboard is enough for what is to be done. However, if one is developing a small cloud setup or server room with a very high speed Internet connection, they may wish to upgrade. There are PCI-E cards that support Cisco GLC-T or other Cisco SFP modules for standard systems that do not have server quality hardware. Ensuring the upgrade is worth it by doing some research is essential to make sure lots of money is not wasted during this process.

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Tony Farinholt - About Author:
FluxLight was founded in 2003. Our focus has been on providing quality fiber optic interfaces, a titleGLC-T GLC-T, a titleCisco SFP modules Cisco SFP modules, GBICs, and related products for local and wide area networking products. We stock optical transceivers from top vendors. FluxLight is convinced the path to success is through excellence and customer service. Our customers are our number one priority. We know you have many choices of where to buy so we do our best to provide the best SFP and GBIC products, at the best prices with the best possible support.

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