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2a: CPU stands for Central Processing Unit. The purpose of a CPU is to execute a sequence of stored instructions known as a program. Essentially, a CPU is the brain of the entire computer. The CPU is in charge of taking in the commands from the keyboard and the mouse and responding using the monitor. CPUs are in every piece of modern technology from computers to phones and videogames.

2c: One of the benefits that come from CPUs is that it contains a lot of processing power in a small amount of space. When computers were first invented, a whole room filled with them had less than a gigabyte of memory or processing power. Now, 128 gigabytes of memory can fit inside an area of a couple square centimeters.

One of the drawbacks that come from CPUs is that without the processing unit or if the CPU fails due to either crashing or knocked out of place, the rest of the computer is useless. Due to the CPU being the brain of the computer, without the central processing unit, the computer or electronic device becomes essentially brain dead.

2c: One of the effects of the CPU on the economy is that all professions / jobs / occupations are easier to perform with assistance from computer technology. From scientists who need to solve equations to clerks who need to take note of the orders they recieve, and all professions in between, the daily tasks of every occupation is easier to accomplish due to the Central Processing Unit.

One of the effects of the CPU on culture is that various cultures are now being quickly spread around the world. People from locations as remote as Kansas can communicate with people from Japan in an instant due to the internet. The internet is the nexus of the entire world, and a CPU is a door or vehicle for that nexus.

One of the effects of the CPU on society is that people around the world are both more connected to each other, yet less connected to those in their vicinity. Cell-phones with CPUs and computers in general have been compared to drugs and alcohol due to their addictive properties. When people go online, they tend to forget and ignore the world and those around them, such as friends and family.

2d: CPUs are in more places than one might think. They are in nearly every piece of computer technology ever, thus are being consumed at a near constant rate. CPUs are in computers, cellular devices, videogames, and even smart appliances such as the Apple TV and the smart refrigerator. Data is stored within CPUs and are utilized by the CPUs.

2d: CPUs can contain high amounts of storage, as in an earlier example, one cellular smart phone may contain 128 gigabytes of data storage. However, CPUs aren’t very secure, at least not without additional support.Without any website protection or caution to whatever website a user may go to, CPUs can very easily be hacked and breach the privacy of the user.

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