Learn the parts of a Gaming PC

Learn all the parts to your pc. Also if your…

Written By: Nyssa

INTRODUCTION

Learn all the parts to your pc. Also if your looking into buying a computer you have to buy all parts because every part has a very important job.

Step 1 — CPU (Central Processor Unit)

- CPU (Central Processor Unit) The CPU is the "brain" of the computer, the CPU is electronic circuitry within a computer that carries out the instructions of a computer program by performing the basic arithmetic, logical, control and input/output operations specified by the instructions.

- When your computer's CPU is getting older, is used to do functions for which it wasn't intended, or overheats due to poor power flow, it could fail completely.
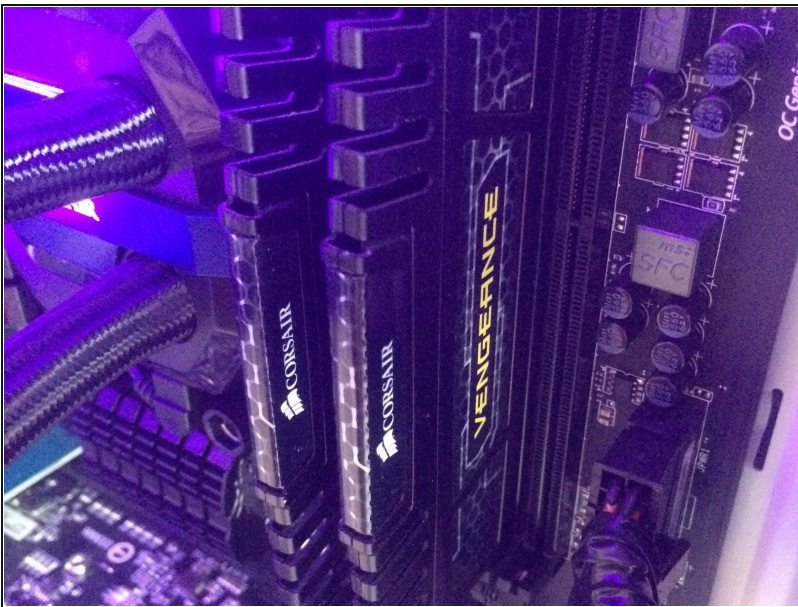
Step 2 — Motherboard

- A motherboard is one of the most essential parts of a computer system. It holds together many of the crucial components of a computer, including the central processing unit (CPU), memory and connectors for input and output devices.

Step 3 — RAM (Random access memory)

- RAM is an acronym for random access memory, a type of computer memory that can be accessed randomly, that is any byte of memory can be accessed without touching the preceding bytes. RAM is found in servers, PCs, tablets, smartphones and other devices, such as printers. More RAM means the faster the computer will be.

Step 4 — PSU (Power supply unit)

- Most personal computers can be plugged into standard electrical outlets. The power supply then pulls the required amount of electricity and converts the AC current to DC current. It also regulates the voltage to eliminate spikes and surges common in most electrical systems.

- Power supplies are rated in terms of the number of watts they generate. The more powerful the computer, the more watts it can provide to components.

- (Underneath is the power supply)

Step 5 — Case

- A computer case, also known as a computer chassis, tower, system unit, cabinet, or base unit, is the enclosure that contains most of the components of a computer. Your case can be already done or modded.
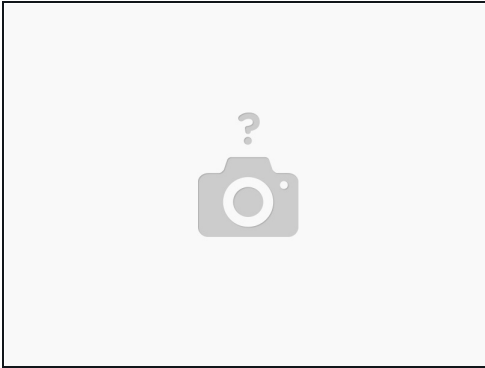
Step 6 — GPU

- This is what you plug the display into. It controls anything graphics related in games, the OS, and more.

- Your GPU is also home to the VRAM (Virtual Random Access Memory) which functions similarly to that of RAM, albeit for graphical-related purposes. More VRAM usually means more performance, handy for intense graphical processes such as 3d rendering.
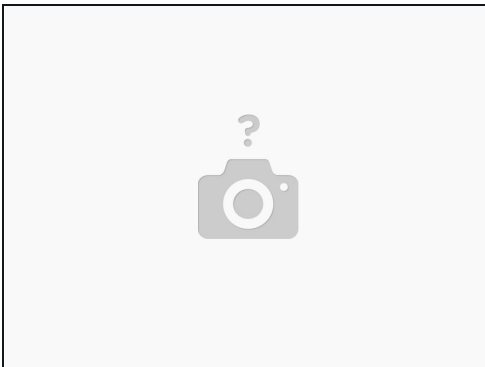
Step 7 — Storage drive

- This can be an SSD or a mechanical HDD. It is used to store all data, including the OS, games, documents, and apps.

- An SSD is generally faster than an HDD, as it can process, read, and write data faster. Mostly gamers and casual workers use SSDs for storage.

- An HDD is a slower method of storage used everywhere in the last 30 or so years. Nowadays, HDDs are used for servers and computers with large storage requirements.

Step 8 — Wi-Fi Card (optional)

- This is the part that allows you to connect to Wireless LAN, but doesn't come with all boards.

- ⓘ This can also come in the form of a USB dongle.

Step 9 — Front panel connectors

- These are the USB and other ports on the front of the case.

- By default, these ports are the power button, reset button, and other misc USB ports such as USB-C and USB 3.0

Your finished!