



# Learn the parts of a Gaming PC

This guide will help you learn all of the parts to a pc so you know what your talking about when you are talking to others.

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## 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.

To reassemble your device, follow these instructions in reverse order.