

# PC Hardware - Reference Document


<b>Name:</b>	<b>Date:</b>

Recreate this document using word processing software such as Microsoft Word.

Add diagrams or photographs of computer components into the relevant parts of the table. For each component (or concept) provide a **detailed** explanation – an example of a detailed explanation is shown below.

*Ensure this is YOUR OWN work and not just copied and pasted from the internet. If you do use online research then make sure you re-write explanations into your own words.*

## Example

<b>Hard Disk Drive (HDD)</b>	
	<p>The hard drive is where all of your data such as applications, files and folders are stored on a computer system. A typical hard drive is only slightly larger than your hand, yet can typically hold over 1TB of data. The data is stored on a stack of disks that are mounted inside a solid encasement. These disks spin extremely fast (typically at 4200, 5400 or 7200 RPM) so that data can be accessed immediately from anywhere on the drive. The data is stored on the hard drive magnetically, so it stays on the drive even after the power supply is turned off.</p>

## Computer Systems Internal Components

System Unit Internal Components	Diagram / Photo and an explanation of the function of the component.
<b>Central Processing Unit (CPU)</b>	<p>[Insert Image Here]</p> <hr/> <p>[Explanation here]</p>
<b>Motherboard</b>	<p>[Insert Image Here]</p> <hr/> <p>[Explanation here]</p>

<b>Co-Processors (Northbridge &amp; Southbridge)</b>	[Insert Image Here]
	[Explanation here]
<b>BIOS &amp; CMOS</b>	[Insert Image Here]
	[Explanation here]
<b>Graphics Processing Unit (GPU)</b>	[Insert Image Here]
	[Explanation here]
<b>Solid State Drive (SSD)</b>	[Insert Image Here]
	[Explanation here]
<b>Power Supply Unit (PSU)</b>	[Insert Image Here]
	[Explanation here]
<b>Heat Sink &amp; Fan Cooling</b>	[Insert Image Here]
	[Explanation here]
<b>USB Ports</b>	[Insert Image Here]
	[Explanation here]

<b>Internal Memory Random Access Memory (RAM) and L1, L2, L3 Cache Memory</b>	[Insert Image Here]	[Insert Image Here]
	[Explanation here]	
<b>Specialised cards (Choose two expansion cards for example, cards that provide additional ports, cables or wireless network cards or graphics cards)</b>	[Insert Image Here]	[Insert Image Here]
	[Explanation here]	