**Identifying A Computer**

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| **Part Name** | **Hardware Component Category** | **Picture** | **Description** |
| Random  Access  Memory  (RAM) | Memory |  | Ordered sequence of bytes for storing programs and their data. |
| Magnetic Disk  Drives | Storage |  | Save the data even when power is off. |
| Mother  Board | Others |  | All system is built onto  the computer’s motherboard |
| Central  Processing  Unit  (CPU) | Central  Processing  Unit |  | The brain of computer, there are two part of CPU: Control Unit and Arithmetic Unit. |
| North-  Bridge | Others |  | One of the two chips in the core logic [chipset](https://en.wikipedia.org/wiki/Chipset) architecture on a [PC](https://en.wikipedia.org/wiki/Personal_computer) [motherboard](https://en.wikipedia.org/wiki/Motherboard), the other being the [southbridge](https://en.wikipedia.org/wiki/Southbridge_%28computing%29).Connect PCI-E and RAM |
| South  Bridge | Others |  | The southbridge typically implements the slower capabilities of the motherboard in a northbridge/southbridge [chipset](https://en.wikipedia.org/wiki/Chipset) computer architecture. It connect other ports(expect PCI-E and RAM) |
| Network  Card | Communication  Device |  | a [computer hardware](https://en.wikipedia.org/wiki/Computer_hardware) component that connects a [computer](https://en.wikipedia.org/wiki/Computer) to a [computer network](https://en.wikipedia.org/wiki/Computer_network) |
| Input/  Output  Device | I/O  Device |  | I/O Device can let user communicate with computer |
| Sound  Card | Communication Device |  | An internal [expansion card](https://en.wikipedia.org/wiki/Expansion_card) that provides input and output of [audio signals](https://en.wikipedia.org/wiki/Audio_signal) to and from a [computer](https://en.wikipedia.org/wiki/Computer) under control of [computer programs](https://en.wikipedia.org/wiki/Computer_program). |
| Clock  Generator | Others |  | A clock generator is a circuit that produces a timing signal (known as a [clock signal](https://en.wikipedia.org/wiki/Clock_signal) and behaves as such) for use in synchronizing a circuit's operation. |
| Fan | Others |  | Fan cooling the computer which in order to avoid overheating |
| Power  Button | Others |  | Main switch  of computer  which let computer turn on or shutdown |
| Computer  Shell | Others |  | It is the space that motherboard, CPU, RAM,GPU to be together and being a computer |