# **Hardware Heads Up Master List**

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| **Set A**   * Random-access memory (RAM) chip * Sound expansion card * Fan * Monitor | **Set B**   * Read-only memory (ROM) chip * Graphics expansion card * Heat sink * Power supply |
| **Set C**   * Processor * Network expansion card * Solid state drive (SSD) * Motherboard | **Set D**   * Chipset * Platter * Central processing unit (CPU) * External storage device |

# **Hardware Heads Up Definitions**

**Set A**

* Random-access memory (RAM) – a kind of computer memory that temporarily stores data while the computer is being used
* Sound expansion card – a circuit board that can be connected to a motherboard to add extra capabilities to a computer, specifically by turning audio data into analog sounds
* Fan – a small piece of machinery found near a computer’s power supply used to cool them off and keep them from overheating
* Monitor – a screen that outputs visual information from a computer

**Set B**

* Read-only memory (ROM) – a kind of computer memory that stores data long term
* Graphics expansion card – a circuit board that can be connected to a motherboard to add extra capabilities to a computer, specifically by helping the computer process and display high-quality graphics and speed of pictures and videos
* Heat sink – a material or device that removes heat from a piece of hardware; often found near the CPU
* Power supply – a piece of hardware that provides other pieces of hardware with electricity

**Set C**

* Processor – a kind of computer chip that performs calculations for the computer
* Network expansion card – a circuit board that can be connected to a motherboard to add extra capabilities to a computer, specifically by allowing the computer to connect to the internet and other computer networks
* Solid state drive (SSD) – a device that stores data on a microchip instead of on a platter
* Motherboard – a board that holds circuits, the CPU, and various computer chips inside a computer

**Set D**

* Chipset – a collection of computer chips that helps data flow between the CPU and other computer parts
* Platter hard drive – a device that stores data on a magnetic disc rather than a microchip
* Central processing unit (CPU) – the main microprocessor of a computer; it sends instructions to many other computer parts
* External storage device – a device used to store memory outside of a computer; a USB stick and a DVD are two examples of external storage devices.