Computer and Human Body Comparison

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| COMPUTER | HUMAN BODY |
| **CENTRAL PROCESSING UNIT (CPU)**   * Located on the mother board * Carries out commands * 2 inch ceramic square * The CPU of the computer gets INPUT from a keyboard, a touch screen or a mouse * Image result for cpu processorThe CPU takes action by producing OUTPUT, such as print or pictures on a monitor screen or a printer or sound through the speakers. | **THE BRAIN**   * The CPU is the like the BRAIN. * The brain gets INPUT from a person’s eyes, ears, nose, or touch * The brain responds to input by creating OUTPUT such as movement, an image, a sound, decision-making   Image result for the brain |
| **COMPUTER POWER SUPPLY**   * The computer gets its power from an energy source such as electricity   Image result for computer power supply | **EATING FOOD**   * The human body needs power to stay alive, and converts food and water into energy |
| **COMPUTER MOTHER BOARD**   * The**CPU** and the **RAM** sit on a piece of circuit board known as the **MOTHER BOARD.** * Main circuit board holds parts together such as the CPU, memory, connecters, hard drives, optic drive, expansion cards, & USB ports * Cables in a computer system connect important parts to the mother board and allow the flow of electricity   Image result for motherboard diagram | **SKELETON AND BODY SYSTEMS**   * The brain does the majority of the processing work, but there are other systems of the body that are vital for our health and well-being, such as organs, and the nervous and circulatory systems * Our skeleton is the framework that holds our parts together * The nerves in a body use electrical impulses to send messages to other parts of the body |
| **RAM (Random Access Memory)**   * A CPU passes data that it is not ready to deal with to a temporary location * This location is called Random Access Memory (RAM) * The data sits in RAM until the CPU is ready to use it to perform calculations or follow instructions * Once passed to the CPU the data is wiped from the RAM   Image result for ram | **SHORT TERM MEMORY**   * The brain has different areas to hold information for the short term and for the long term * Some short term memory will turn into long term memory * If we do not work to make short term memory into long term, we lose the information * Once we go to sleep, we often lose what is in short-term memory   https://tse1.mm.bing.net/th?&id=OIP.Mf5d5876aa8b5bac810ddbfb51ed7bc4co0&w=299&h=210&c=0&pid=1.9&rs=0&p=0&r=0  Short-term memory in the brain |