Computer and Car Comparison

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| COMPUTER | CAR |
| **CPU / PROCESSOR**   * 2 inch ceramic square located on the mother board * Complex control center, that acts like a brain * processes incoming instructions to determine what to do * Controls other parts of the computer * Needs a heat sink to prevent overheating   Image result for cpu processor | **THE DRIVER OF THE CAR**   * The person driving the car has a brain that processes what needs to be done to drive the car * Controls parts of the car to make it work (steps on gas or brakes, steers, signals) * Uses cars AC to keep from overheating |
| **COMPUTER POWER SUPPLY**   * Converts energy source into power   Image result for computer power supply | **THE ENGINE OF A CAR**   * Is the power supply because it converts gasoline into energy * Makes the car faster |
| **COMPUTER MOTHER BOARD**   * Main circuit board that holds important parts of the computer * Holds CPU, memory, connecters, hard drives, optic drive, expansion cards, & USB ports   Image result for motherboard diagram | **THE DASHBOARD**   * The dashboard is like the motherboard because it holds essential parts for the cars operation * Holds the steering wheel, ignition, controls for radio, air conditioning |
| **RAM (Random Access Memory)**   * Image result for ram**RAM** chips store things only while a computer is on, so they're used for storing whatever a computer is working on in the very short term. | **ELECTRICAL SYSTEM**   * The electrical system of a car is like the RAM of a computer because it is accessed as soon as you start the car, and powers AC, windows, etc. * Only works while it is on |