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
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| **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
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| **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
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| **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
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