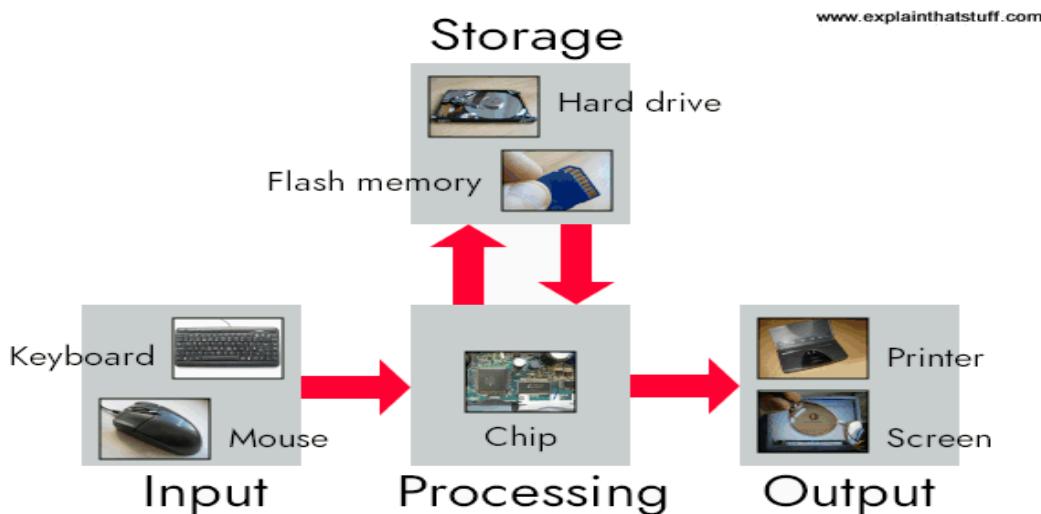


# How do Computers Work?

A computer works by combining input, storage, processing, and output. All the main parts of a computer system are involved in one of these four processes.



- **Input:** Input refers to the data or instructions given to a computer through input devices. Common input devices include the keyboard and mouse, which are used to enter information into the system. A microphone used with voice recognition software is another form of input that allows the computer to receive spoken commands.
- **Memory/Storage:** Memory or storage is a component of a computer that is used to store data, instructions, and information permanently or temporarily. It allows the computer to save information and retrieve it whenever required.
- **Processing:** The processor or CPU is the brain of your computer. It performs program tasks, calculates data from input, and manages and coordinates other parts like memory, devices connected to the computer, and what shows up on the screen.
- **Output:** Output refers to the information produced by a computer after processing input data. It is the final result of the Input–Process–Output cycle and is delivered to the user or another device through output devices such as a monitor, printer, or speakers.