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**Differences Between Input And Output Devices**

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| --- | --- |
| **Input devices** | **Output devices** |
| An input device sends information to a computer system for processing | An output device reproduces or displays the results of that processing. |
| Input devices are relatively complicated as they have complex coding that ensures that the user can interact with the computer correctly. | Output devices are simpler for the user since they only see the results and do not have to learn the processes. |
| Input devices are necessary for a computer to receive commands from its users and data to process. | Output devices are necessary for a computer to share its results and prompt users for more information and commands |
| Input devices are controlled by the user. | Output devices are controlled by the computer. |
| Input devices are necessary for a computer to receive commands from its users and data to process. | Output devices are necessary for a computer to share its results and prompt users for more information and commands. |
| An input device can send data to another device but it cannot receive data from another device. | An output device can receive data from another device and generate output with that data, but it cannot send data to another device. |
| Devices that are used to get input signals from the user. | Devices that are used to display the output signals to the user. |
| Helps the computer get the data from the user and enters it in the computing system. | Helps the computer to display the data and results after the process completes. |

**Examples Of Input Devices**

Microphone

Pointing device

Touch screens

Graphics table

Optical character reader (OCR)

Joystick

Light pen

Video capture

Sensors

Bar code readers

**Examples Of Output Devices**

Printer

Monitor

Speakers

Projector LCD projection panels

Computer output microfilm

Plotters

GPS

Headphones

Sound card

Video card