

IT SKILLS IMPORTANT

Q: Define speaker?

Ans. A computer speaker is an output hardware device that connects to a computer to generate sound.

Function of a Speaker:

Function of the speaker is to output data that the computer sends to it in audio-sounds. The signal used to produce the sound that comes from a computer speaker is created by the computer's sound card.

Further explanation:

The computer sends a signal through its sound card to the speaker to produce sound. Computer sends digital signal (in the form of 0s and 1s) which speaker cannot understand directly so the sound card converts the signal to analog signal which then speaker uses to produce sound. Sound card is necessary for a computer to work with any speaker. (Now a days sound cards come build-in motherboard so you won't require a separate sound card).

Speakers Structure:

Speakers are made up of a cone, an iron coil, a magnet, and housing (case). When the speaker receives electrical input from a device, it sends the current through the iron coil causing it to move back and forth. This motion then vibrates the outer cone, generating sound waves heard by our ears.

Uses:

1. For voice chatting & video conferencing
2. For hearing sound data.
3. For hearing recordings etc