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Q: What is Bluetooth?

Ans

Bluetooth:

Bluetooth is a computing and telecommunications industry specification that describes how devices can communicate wirelessly with each other. Devices that use Bluetooth include computers, a computer keyboard and mouse, personal digital assistants, smartphones, handset, Bluetooth earphone, wireless headphones and many more devices.

Bluetooth is an RF technology that operates at 2.4 GHz & has an effective range Of 32—feet (10 meters) (this range varies On the power class), It can have transfer rate from 100kbps to 250mbs, its speed depends on the version and the distance.

How is Bluetooth used?

Example of how Bluetooth could be used is: The ability to connect a computer to a smartphone or headphone without any wires or special connectors is the best example.

Uses of Bluetooth:

Below are few other examples of how Bluetooth can be used.

Bluetooth headphones that can connect to any Bluetooth audio supported device.

Bluetooth keyboard and mouse can work as wireless keyboard and mouse.

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Bluetooth speaker can connect to any Bluetooth audio device transmitting device.

Bluetooth car stereo system can make hands-free calls in the car.

Bluetooth watch or Bluetooth health monitor can transmit data over Bluetooth to other devices.

Bluetooth lock that can allow you to remotely lock and unlock a door.

Note:

Bluetooth is input and output device since it can input data from any Bluetooth input device such as Bluetooth camera and it can also output data through any Bluetooth output device. Such as Bluetooth printer.