

A  
M  
A  
Z  
O  
N  
E C H O

---



# OVERVIEW

In March 2016, Amazon unveiled the original Amazon Echo Dot, which is a hockey puck sized version of the Echo designed to be connected to external speakers due to size of the onboard speakers, or to be used in rooms such as the bedroom as an alternative to the full-sized Echo. The Amazon Echo Dot allows you to use all the same functions as the original Amazon Echo just in a smaller size.

The second generation of the Amazon Echo Dot was available on October 20, 2016. It is priced lower, has improved voice recognition, and is available in black and white. The new Echo Spatial Perception (ESP) technology allows several Echo and Dot units to work together so that only one device answers the request.

# THREE COMPONENT

**PHYSICAL** :The Echo hardware complement includes a Texas Instruments DM3725 ARM Cortex-A8 processor, 256MB of LPDDR1 RAM and 4GB of storage space.

**SMART** :Although the Echo is intended to be voice-controlled at the unit, a microphone enabled remote control similar to the one bundled with the Fire TV is available for purchase. An action button on top of the unit is provided for user setup in a new location, and the mute button allows the microphones to be turned off. The top half-inch of the unit rotates to increase or decrease the speaker volume. The Echo must be plugged in to operate since it has no internal battery.

## Connectivity:

Echo provides dual-band Wi-Fi 802.11a/b/g/n and Bluetooth Advanced Audio Distribution Profile (A2DP) support for audio streaming and Audio/Video Remote Control Profile (AVRCP) for voice control of connected mobile devices.



## MY VIEWS:

- ❖ I think we should make Amazon Echo more interesting by adding some more technologies like
- ❖ It identify by an identifier which would be connected through wifi to our wrist band as we enter to our room it connects us and ask for a music o
- ❖ It also ask for coffee and then give instruction to our coffee maker device.
- ❖ It can connect to our bathroom water heater to prepare hot water .
- ❖ Many more things.