

# How to tell the price difference between car stereos? - Lesson 1



## 1. Check on the CPU

The core of something is always a major part and the most valuable one. See the CPU of the car stereos that attracted you, is it Quad-core, Six-core, or Octa-core? Trust me, it makes a huge difference whenever you start up your infotainment system or tried to run multiple APPs at the same time. Normally, less number of cores leads to slower running

speed, but there is always an exception if your in-dash media player is Quad-core's but with surprisingly fast speed, be alarmed, the system may not be held too long before went corrupt because of the overheat CPU.

## **2. The storage of RAM and ROM**

This is another big factor that causes the price difference. Random-access Memory (RAM ) is readable and changeable, it keeps the working data of an infotainment system and supports the running of APPs from your smart phone, which means it is the storage of RAM that controls how many APPs you can run(both front end and back end) smoothly and quickly at the same time. Bigger storage room the RAM has, faster running speed APPS will be.

Read-only memory (ROM) is also known as Flash Memory, it saves part of the storage for the running of smart phone programs and the rest for storing your videos, photos, music, etc, which can all be deleted and changed any time. Things you stored only occupy the space of ROM instead of RAM, so the storage of ROM does little influence on the running speed, the biggest influencer is RAM. ROM only matters to how many videos, music, APPs you can keep.

What can I say, bigger storage, better experience? But it depends on your demand.

I am planning to talk about the main functions a car head unit shall not miss the next lesson.

Or maybe you can suggest something else?