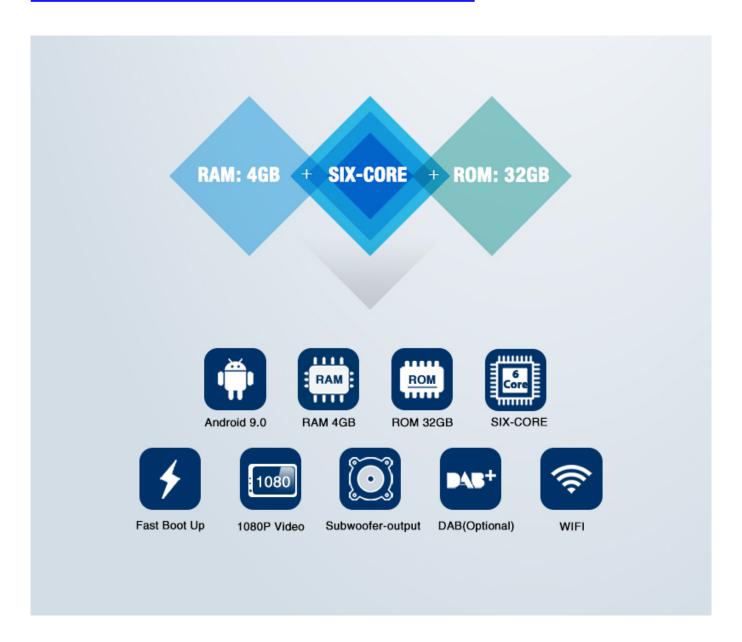# How to tell the price difference between car stereos? -Lesson 1

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?

[A multi-touch capacitive touch screen infotainment saves my life](#)

The multi-touch capacitive touch screen is used in all the smart phones, we are so used to the convenience it brings, but when it turns into a car stereo system, the convenience is gone!

Luck us, there are some companies who do care about our needs (of course for their own survival). Anyway, with this function all the dragging process becomes fun. Personally, I couldn't stop myself from organizing APPs into folders, and the scattered pieces of icons just drive me crazy, in this situation, a multiple touch capacitive touch screen really makes the whole work a lot easier.

One more thing hits my nerve in every driving because I need to use the Google map, but I like to zoom in to see the general direction I was about to go. My last car stereo didn't have the muti-touch function, and my fat finger just always missed the tiny little '-', now I don't even want to recall those dark memories.

My new car radio is Pumpkin's Android 8.0, no problem raised yet.