

## Product Diagram Information

### 1. Product function introduce

MS-N7Y1 is a Tablet PC device with capacitive touch screen. It has function of visiting internet with WiFi/BT, playing audio and video in NAND flash or TF card, audio recorder, alarm clock, calendar, real-time clock, camera and so on..

### 2. Structure

#### 2.1 Structure Introduce

The system is consist of SOC (Rockchip RK2918), one piece of NAND Flash, two pieces of DDR3 RAM, 5" TFT panel(Hanstar HSD070IDW1-A), WiFi/BT module(Samsung SWL-B23), TF socket and some power conversions IC.

WiFi Operating frequency: 2412-2462MHz, 11 channels for FCC; 2412-2472 13 channels for CE;

WiFi Modulation: OFDM, DSSS DBPSK, DQPSK, CCK, 16QAM, 64QAM

Bluetooth Operating frequency: 2402-2480MHz

Bluetooth modulation: GFSK, DQPSK and 8DPSK

#### 2.2 Description

When you stir the switch of power to the left and stick about 3 seconds, the system is powered on. When you choose any icon in the GUI of Android 2.3 using your finger or others, RK2918 first judge what happened and then give it to the ARM or DSP in the core of RK2918 proceeding.

#### 2.3 Power

It can use adaptor of 5V\*2A when the system display the battery remain a little of power or exhaust.