Operational Description

1. Product function introduce

RCT6573W23 is a Tablet PC device with capacitive touch screen. It has function of visiting internet with WiFi, playing audio and video in NAND flash or Mini SD 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 RK3188），one piece of NAND Flash, TWO pieces of DDR3 RAM. The SOC with two pieces crystals is 24 MHz and 26 MHz. The RTC crystal is 32.768 kHz.

RTL8188 is a Mini Wi-Fi module supporting IEEE 802.11 b/g/n standards. Designed in the product with MID, netbook etc for the wireless connectivity，and the operating frequency is 2412-2462MHz,11 channels for 802.11b/g/n(H20); 2422-2452MHz,9 channels for 802.11n(H40)

WIFI Modulation: OFDM, CCK

Antenna gain:2dBi

2.2 Description

When you stick the power key about 3 seconds, the system is powered on. When you choose any icon in the GUI of Android 4.4 or above using your finger or others, RK3188 first judge what happened and then give it to the ARM or DSP in the core of RK3188 proceeding.

2.3 Power

It can use adapter of 5V*2A when the system display the battery remain a little of power or exhaust, It also can work with 3.7V li-ion battery internal.