

product illustration

1. Function introduce

Next8P, M803HC is a nextbook (Android MID) device with capacitive touch panel. It has functions of visiting internet with WiFi, 30W camera, playing audio and video in NAND flash or TF card, audio recorder, alarm clock, calendar, real-time clock 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 SDRAM, 7" TFT panel(Hannstar HSD070IDW1), 7" capacitive touch panel, WiFi module(Samsung SWL2480), 30W camera,TF socket and some power conversions IC.

WIFI module:

Frequency Range: 2412MHz~2462MHz(for FCC); 2412~2472(for CE)

Modulation Type: WIFI Module (OFDM with BPSK, QPSK, 16QAM, 64QAM(11g/n), BPSK, QPSK, CCK (11b))

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 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.