

## 一、 Basic Functions

CB116 is Browse the Web. Visit your favorite websites Check your e-mail, Keep in touch with friends and family Watch YouTube™ videos, Browse the world's most popular video-sharing community, Read your favorite books Download thousands of books . Discover many Windows app Connect to the Internet wirelessly, High-speed Wi-Fi 802.11 b/g/n networking Enjoy your media library anywhere Portable powerhouse plays popular music, video, and photo formats

## 二、 Product features

Display: 11.6 " T N LCD (1366X768)

Input: Keyboard

Audio codec: integrated in CPU (SOC)

Communication: USB Wifi Moudle (802.11b/g/n) / BT Moudle (4.0)

System: Windows 10

## 三、 Circuit Description

### 1) power supply

DC-5V Power supply or battery supply, Power input is converted by the PMU, then through other DC-DC/LDO. After Power supply IC proceed voltage converted, the power supply to the machine; At the same time DC 5V power supply can provide battery charging

### 2) Minimal System

U1000 (SOC) is CPU, Control the work of the various parts of machine

U3501 is EMMC, mainly responsible for the data cache

U3101, U3102, U3005, U3006 is MEMORY, Primarily responsible for program files and data storage

### 3) Audio

Audio codec is integrated in CPU, Audio signal be decoded and Zoom handling, then through SPEAKER or EARPHONE output; Supports MIC recording

### 4) Camera

Rear Camera(0.3MP)

### 5) USB

It is provide a OTG/HOST USB port, MID can communication to the computer though USB port, and USB device can communication to the Netbook also.

### 6) DISPLAY

CON1 is the LCD connector, LCD is connected to the connector.

### 7) Wifi Antenna:

U6208(RTL8723BS) is Wifi/BT/GPS RF chip

### 8) Input Voltage:

5V powered by DC adaptor or 3.7V powered by Lion Battery