

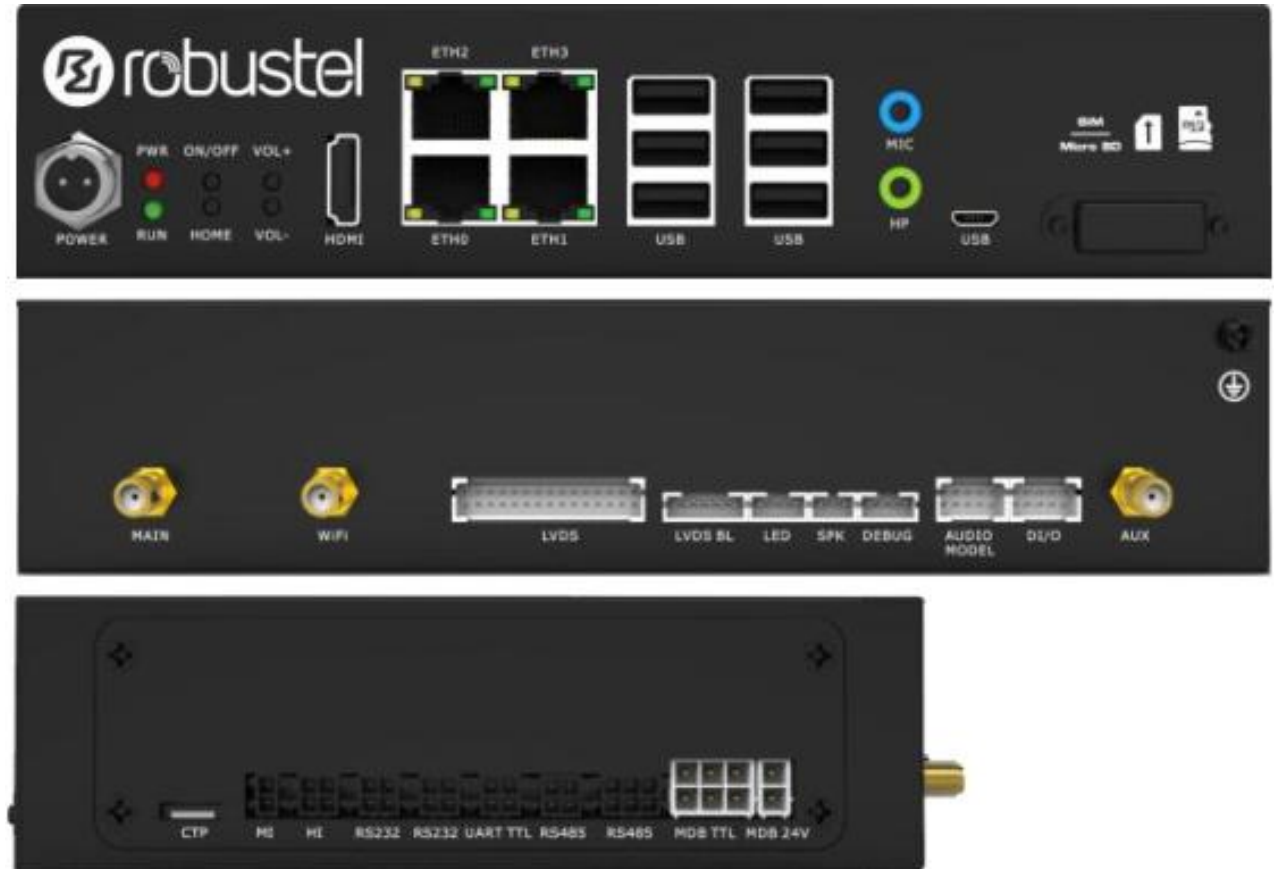


# Robustel Android Box



# Hardware

- ◆ CPU : freescale i.MX6Q
- ◆ DDR3L 2GB
- ◆ eMMC 8GB
- ◆ Hardware Watchdog
- ◆ 4\*10/100 Mbps Ethernet
- ◆ MicroSD, for storage, max 32G
- ◆ 2 Interfaces
  - a. LVDS interface(dual link), max resolution 1920x1080
  - b. HDMI, TYPE A HDMI, max resolution 1920x1080
- ◆ Wireless cellular module, Mini-PCIe



# Hardware

- ◆ Wi-Fi: Wi-Fi 2.4G(802.11 b/g/n)+BT4.0
- ◆ Touch screen demand:
  - a. I2C interface, drawer type under FPC socket;
  - b. 6 USB interface, occupying one of 6 USB TYPE A
- ◆ 5\*RS232, 2\*RS485, 1\*TTL Debug,
- ◆ 4\*DO, 6\*DI
- ◆ 1\*SIM
- ◆ 1\*Earphone output interface
- ◆ 1\*Microphone input interface
- ◆ 1\*External speaker interface
- ◆ 1\*Buzzer
- ◆ 1\*RTC
- ◆ 12-36 VDC
- ◆ 1\*mSATA hard disk



# Functionalities

◆ EMC :

a) CE: EN 55022 : 2006/A1:2007

ClassB

b) RE: EN 55022 : 2006/A1:2007

ClassB

ESD: EN 61000-4-2:2008

Contact: : ±4KV ; Air : ±8KV

RS: EN 61000-4-3:2010

Level 2

EFT: EN 61000-4-4: 2012

Level 2

Surge: EN 61000-4-5:2005

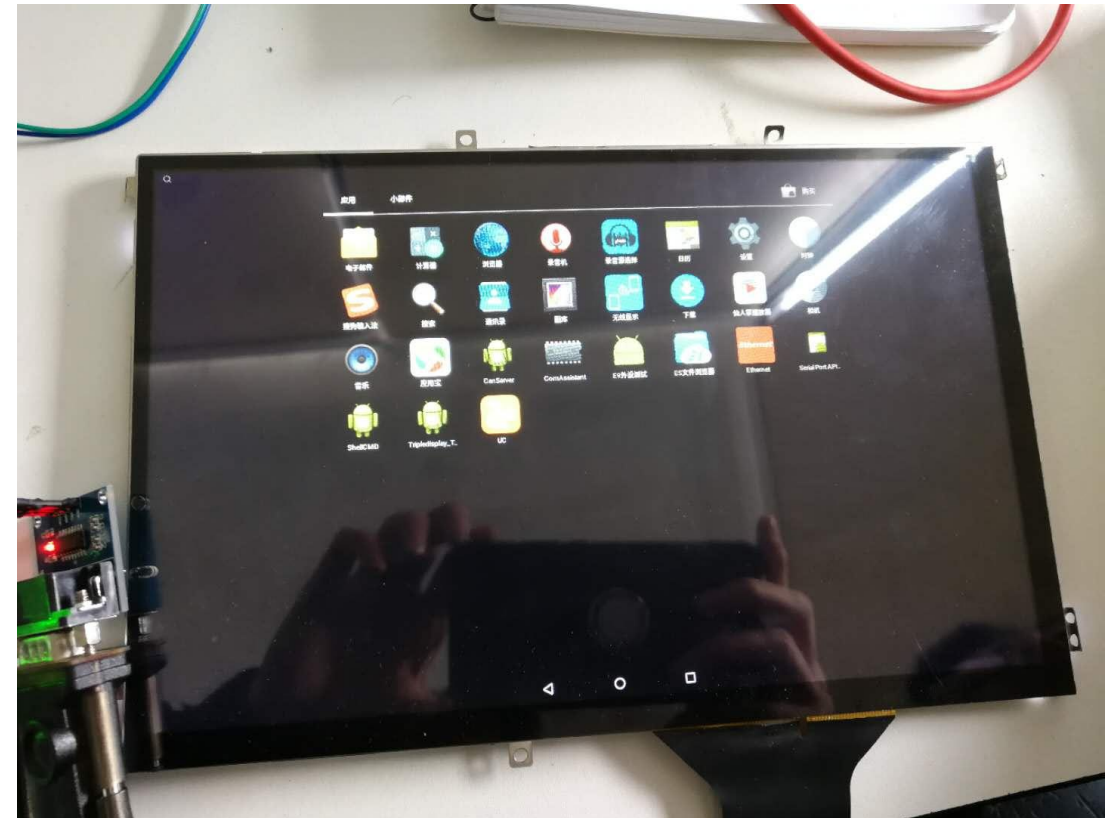
Line-To-Ground : 2KV ; Line-To-Line : 1KV

◆ Operation Temp : -20°C ~ +70°C

◆ Storage Temp : -35°C ~ +80°C

# Software function

- ◆ a) Android 6.0
- ◆ b) Remote management based on Rlink management platform(the second phase development)
- ◆ c) Cellular module wireless cellular link management to ensure that the data terminal is always online
- ◆ d) Call the system time setting, modify the system time when the system time is incorrect, and support the APP to modify the system time
- ◆ e) relative path and absolute path file read and write operations, same as Android file management
- ◆ f) modify the relative path and absolute path file system permissions, with Andrews file management
- ◆ g) Allows the program to obtain network status information
- ◆ h) Allow the program to stay awake, without screen lock



# THANK YOU!



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