



CUBIEBOARD

<http://cubieboard.org>

Test Report Of Image

V1.0



Overview

The Information Of Test Report.....	3
Software Function Test.....	5
Hardware Interface Test	6
Firmware version Log	7
Notice	8



The Information Of Test Report

Cubieboard Image Test Report		
Board type	Cubiebaord2 EMMC	
Image Version	image	cubieez-cb2-20151211-emmc-hdmi-V1.0.img
	md5sum	0e29e1731be62c916ba9c4f765c85734
tester	Reachy	
check		
Test time	2016-04-14	
test environment	Shenzhen Cubietech studio	



Software Function Test

	Functional classification	Specific functional test	Whether to achieve	Remarks
Function test	Video decoding	Hardware decoding	√	in vlc playerr
		Software decoding	√	
		1080p mkv	√	
		1080p mp4	√	
		1080p wmv	√	
		1080p avi	√	
		720p mkv	√	
		720p mp4	√	
		720p rmvb	√	
		720p avi	√	
	Display	Desktop acceleration	√	
		Double screen with display	X	No VGA interface
		Dual different display	X	No VGA interface
		Resolution switching	√	Can modify the script.bin to achieve
	Browser	Text decoding	√	
		Flash	√	
	Virtual power button	Shutdown	√	
		reboot	√	
		Suspend	X	
		Switch user	√	
		screen saver	√	
	Pre installed Software package	VIM	X	No pre installed vim.tiny
		VI	√	
		SSH	√	count:linaro passwd:linaro
		GCC	X	
		PDF	√	Document Viewer
JPG		√		
OFFICE		√	libreoffice	



Hardware Interface Test

	Interface function	List	Specific functional test	Whether achieve	Remarks	
hardware Interface	Display	HDMI	normal display	√	Do not support hot plug, must plug in the HDMI first before starting	
		VGA	normal display	X	No interface	
	Communication	GMAC	Ping	√		
		BT	file share	X	No interface	
		IR	Infrared remote control	√		
		WIFI	wifi internet access	X	No interface	
	Storage	eMMC	Starting system	√		
		Card0	copy file	√		
		OTG	USB3.0		X	No interface
			device		√	Before power on the first USB OTG and PC connected
		USB2.0 (four)	use hub		√	
			use disk		√	
			keyboard		√	
			mouse		√	
	camera			√	Need to download the glmark2-es2 tool	
	Keyboard	POWER	button on or off	√		
		RESET	could Reset	X	No interface	
		BOOT	brush machine		unneeded	
	Audio	EARPHONE	stereophone output	√	default by earphone	
		HDMI	hdmi output	√		
		MIC	microphone input	√		
	Power	DC	Start the machine	√		
		BAT	Charge	X	No interface	
			Discharge	X	No interface	
	Other	RTC	work	√		
		TTL	Serial debugging	√		

Firmware version log

1 User / password: root/cubieboard

2 Wired network default DHCP dynamic access IP address

3 Pre installed wifi-radar, hostapd, iperf and other software packages.

4 Usb otg driver loading, support plug. Add modprobe g_mass_storage file=/dev/XX removable=yes stall=0 (XX is the partition mmcblk0p1or mmcblk0p2)to the last line of the /etc/init.d/rc.local script,save after exit. After the restart, directly connected with PC USB OTG on the board can be mounted

5 MAC address from ID chip, can be modified manually

Notice

1 This image is TF card image, Livesuit or Phoneixsuit can not be used.

2 First time running will reboot to make some init setting .

3 Connect the net will make system boot quicker.

