



**CUBIEBOARD**

<http://cubieboard.org>

## Test Report Of Image

v1.0



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## The Information Of Test Report

Cubieboard Image Test Report		
Board type	Cubiebaord2 EMMC	
Image Version	image	linaro-server-cb2-20151211-emmc-hdmi-V1.0.img
	md5sum	565df0ff4b2dec83de30b92e41cb445f
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
<b>Function test</b>	Video decoding	Hardware decoding	X	unneeded
		Software decoding	X	unneeded
		1080p mkv	X	unneeded
		1080p mp4	X	unneeded
		1080p wmv	X	unneeded
		1080p avi	X	unneeded
		720p mkv	X	unneeded
		720p mp4	X	unneeded
		720p rmvb	X	unneeded
	720p avi	X	unneeded	
	Display	Desktop acceleration	X	unneeded
		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	X	unneeded
		Flash	X	unneeded
	Virtual power button	Shutdown	X	unneeded
		reboot	X	unneeded
		Suspend	X	unneeded
		Switch user	X	unneeded
		screen saver	X	unneeded
	Pre installed Software package	VIM	X	No pre installed vim.tiny
		VI	√	
		SSH	√	count:linaro passwd:linaro
		GCC	X	
		PDF	X	unneeded
JPG		X	unneeded	
OFFICE		X	unneeded	



## Hardware Interface Test

	Interface function	List	Specific functional test	Whether to achieve	Remarks	
hardware Interface	Display	HDMI	normal display	√		
		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		√	
		USB2.0 (four)	use hub		√	
			use disk		√	
			keyboard		√	
			mouse		X	
		camera		√	Need to download the glmark2-es2 tool	
	Keyboard	POWER	button on or off	√		
		RESET	could Reset	X	No interface	
		BOOT	brush machine	X	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 Based on the latest linaro-server 14.04 file system linaro production of long-term stable version of the firmware, function more perfect, the file system is clean

2 Root file system for server Linaro 14.04,that is ubuntu server, version number: trusty, Kernel version:3.4.79

3 User / password: root/cubieboard 或 linaro/linaro

4 Wired network default DHCP dynamic access IP address

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

6 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

8 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.