



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	Cubieboard4(CC-A80)	
Image Version	image	cb4-debian-server-hdmi-card-v1.0.img.7z
	md5sum	30bce47fc7633b7b4b6f543a1b4f15af
tester	Sam	
check	Aaron.K	
Test time		
test environment		



Software Function Test

	Functional classification	Test method	Whether use	Remarks
Function test	Video decoding	Hardware decoding	X	
		Software decoding	√	mplayer
		1080p mkv	√	
		1080p mp4	√	
		1080p wmv	√	
		1080p avi	√	
		720p mkv	√	
		720p mp4	√	
		720p rmvb	√	
	720p avi	√		
		Double screen with display	X	
		Dual different display	X	
		Resolution switching	√	change sys_config.fex
	Command shutdown or reboot	Shutdown	√	
		reboot	√	
	Pre installed Software package	VIM	√	
	SSH	√	count:linaro passwd:linaro	
	GCC	X		



Hardware Interface Test

	Interface function	List	Test method	Whether use	Remarks
hardware Interface	Display	HDMI	normal display	√	
		VGA	normal display	√	change sys_config.fex
	Communication	GMAC	Ping	√	
		BT	file share		no test in command
		IR	Infrared remote control	√	Can identify
		WIFI	wifi internet access	√	
	Storage	eMMC	Starting system	√	Automatically mount
		Card0	copy file	√	Automatically mount
		OTG	copy file	√	
			Connecting to host	X	
		USB2.0 (four)	use hub	√	
			use disk	√	Automatically mount
			keyboard	√	
			mouse	√	
			audio	√	speaker test failed, use normal
			camera	√	
	Keyboard	POWER	button on or off	√	
		RESET	could Reset	√	
		BOOT	brush machine		no use
	Audio	EARPHONE	stereophone output	√	default by eatphone
		HDMI	hdmi output	√	
		MIC	microphone input		
	Power	DC	Start the machine	√	
		BAT	Charge	√	
			Discharge	√	
	Other	RTC	work	√	
		TTL	Serial debugging	√	

Updating Log



1 Fix audio bug. (bug: every time you play audio you need to run: amixer cset numid=54,iface=MIXER,name='Speaker Function' 0.)

2 Fix ordinary user login problem.

3 Support USB AUDIO, CDC ACM, CD-ROM

4 MAC address is fixed.

5 Fix command line without cursor.

6 Enable net-bridge, support ap hostapd (apt-get install hostapd)



Notice

1. Before run `update_sys_config.sh` to update `sys_config.fex` , you install these package:

```
#apt-get install busybox dos2unix
```

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

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

4. Connect the net will make system boot quicker.

5. Switch to 1024*768 VGA display

```
#cd /root/boot-file
```

```
#cp vga_sys_config.fex sys_config.fex
```

```
#./update_sys_config.sh card
```

```
#reboot
```

Switch to 1080p 60 HDMI display

```
#cd /root/boot-file
```

```
#cp hdmi_sys_config.fex sys_config.fex
```

```
#./update_sys_config.sh card
```

```
#reboot
```

