

RK3399 Linux Debian 9 Release

Released Version: V0.004
Released Date: 2018.11.07

Advantech Co., Ltd.

<http://www.advantech.com/>

1. Hardware Information

CPU: RK3399

2. Software Information

Version History

Date	Version	Part no	Remark
2018-10-25	V0.002	The first release	Clayder Huang
2018-10-31	V0.003	DS100Lite	Clayder Huang
2018-11-07	V0.004	DS100/DS100Lite	Clayder Huang

Add Features

Release note: 1. Audio PASS
2.Support mpv media player

Function Test

No	Module	Test Item	Test Steps	Result
1	DEBUG UART	UART 1	System output and input	PASS
2	eMMC	eMMC	Write/Read/Verify data in the start/end 4 byte of flash	PASS
3	RGMII	(Giga) Lan 1	Auto negotiation ping test	PASS
4	RGMII	(Giga) Lan 2	Auto negotiation ping test	PASS
5	UART	UART 1 /2	Send/Receive pattern to host PC	PASS
6	PCIe	PCI-E device	Device detect under kernel	FAILED
7	WiFi (USB)	WiFi Link	Wi-Fi test	PASS
8	USB	USB Port 2.0 (OTG)	USB disk write/read/verify pattern	FAILED
		USB Port (hub)	USB disk write/read/verify pattern	PASS
		USB TypeC	USB disk write/read/verify pattern	PASS
9	ADB	ADB		PASS
10	HDMI	HDMI 1.4	Boot loader setting HDMI output, check console output to screen	PASS
11	Multi-Display	Display Function	All display interfaces should work	PASS
12	Gstreamer	gstreamer	decode 4k and FullHD	PASS
13	RTC	RTC internal	synchron system time and hardware time	PASS
14	Audio	HDMI Audio	Link to amplifier and playback sound	PASS
15	Reset Button	Reset Button	Reset system	PASS
16	LED		LED Status: Detect gpio signal	PASS
17	microSD			PASS