Rockchip Linux Wi-FiBT Situation		
Revision No.	History	Date
1.6	新增几款支持BT5.2/WIFI6/WIFI6E的模块： Infineon: CYW43012/CYW4373(BT5.2)/CYW54591(BT5.2/2T2R)/CYW55572(WIFI6/6E) Realtek: RTL8852BS/BE(WIFI6) 新增ATBM6441 低功耗WiFi 新增Antenna Configuration/BT Standard列的说明，增加直观及可读性；	2022.08.15
1.5	新增ATBM6031、AIC8000 、BES2600	2022.06.05
1.4	新增SSV6155P，对AC/AX版本含义进行说明	2022.04.06
1.3	新增低功耗Hi3861L及kernel版本说明	2022.01.12
1.2	Add RTL8188FTV-VC and RTL8188FTV-VQ1（USB）	2021.12.12
1.1	Add WiFi6 AP6275S AP6275P	2021.08.22
1.0	initial release	2021.06.12

Note：
1、如果需要支持AP/Realtek的其它型号，可以参考WiFiBT开发文档里面的移植章节进行移植即可；
2、如果使用其它厂家的模组或芯片，则需要联系原厂协助你们移植驱动到我们平台，移植相关事项也可参考WiFiBT开发文档进行移植；
3、WIFIBT开发文档及本文档的最新版本下载地址：https://redmine.rock-chips.com/documents/52
4、Hi3861/3881：已在我们平台验证可以使用，但驱动代码需要找模组厂要，在RK平台的移植补丁可以通过redmine提问题获取补丁；
5、**kernel**: 是指目前WiFi驱动支持的最新版本，向下兼容低版本内核；
6、**Low Power**：是指支持休眠保活、心跳、唤醒功能的模块，且功耗都在几百uA以内(在连接路由器的情况下)；
7、模组尺寸: N/A表示需要找模组厂进行确认；
8、AC:表示WIFI5，AX:表示WIFI6；

WiFi Chip	IFACE	IEEE 802.11 Standard	2.4GHz	5.0GHz Band	6.0GHz Band	HT40	SDIO3.0	Antenna	BT Standar	Kernel	Low Power	SIZE
AP6212/A AP6214/A	SDIO	802.11B/G/N	✔	✖	✖	✖	✖	1T1R	✖	4.19	✖	
CYW43438	SDIO	802.11B/G/N	✔	✖	✖	✖	✖	1T1R	5.1	5.10	✖	
CYW43439	SDIO	802.11B/G/N	✔	✖	✖	✖	✖	1T1R	5.1	5.10	✖	
CYW43012	SDIO	802.11B/G/N	✔	✖	✖	✖	✖	1T1R	5.0	5.10	✖	
CYW4373	USB	802.11B/G/N/AC	✔	✔	✖	✖	✔	1T1R	5.2	5.10	✖	
AP6255	SDIO	802.11A/B/G/N/AC	✔	✔	✖	✔	✔	1T1R	4.2	5.10	✖	
AP6256	SDIO	802.11A/B/G/N/AC	✔	✔	✖	✔	✔	1T1R	4.2	5.10	✖	
CYW43455	SDIO	802.11A/B/G/N/AC	✔	✔	✖	✔	✔	1T1R	5.0	5.10	✖	
RTL8723DS	SDIO	802.11B/G/N	✔	✖	✖	✔	✖	1T1R	4.2	5.10	✖	
RTL8189FTV	SDIO	802.11B/G/N	✔	✖	✖	✔	✖	1T1R	✖	5.10	✖	
RTL8821CS	SDIO	802.11B/G/N/AC	✔	✔	✖	✔	✔	1T1R	4.2	5.10	✖	

RTL8188FTV-VC	USB	802.11B/G/N	✓	✗	✗	✗	✗	1T1R	✗	5.10	✗	pin to pin 12*12
RTL8188FTV-VQ1	USB	802.11B/G/N	✓	✗	✗	✓	✗	1T1R	✗	5.10	✗	
RTL8188EU	USB	802.11B/G/N	✓	✗	✗	✓	✗	1T1R	✗	5.10	✗	
RTL8822BS	SDIO	802.11B/G/N/AC	✓	✓	✗	✓	✓	1T1R	4.2	5.10	✗	
RTL8822CS	SDIO	802.11B/G/N/AC	✓	✓	✗	✓	✓	1T1R	4.2	5.10	✗	
AP6181	SDIO	802.11B/G/N	✓	✗	✗	✗	✗	1T1R	✗	4.19	✗	
AP6236 AP6216	SDIO	802.11B/G/N	✓	✗	✗	✗	✗	1T1R	4.2	5.10	✗	
AP6201BM	SDIO	802.11B/G/N	✓	✗	✗	✗	✗	1T1R	4.2	4.19	✓	
AP6203BM	SDIO	802.11B/G/N	✓	✓	✗	✗	✗	1T1R	4.2	4.19	✓	
AP6354 AP6356S	SDIO	802.11B/G/N/AC	✓	✓	✗	✓	✓	2T2R	4.2	5.10	✗	
SV6158/6256	SDIO	802.11B/G/N	✓	✗	✗	✗	✗	1T1R	✗	4.19	✗	
RK912	SDIO	802.11B/G/N	✓	✗	✗	✗	✗	1T1R	✗	4.19	✗	
RK915	SDIO	802.11B/G/N	✓	✗	✗	✗	✗	1T1R	✗	4.19	✗	
SV32WB0X	SDIO	802.11B/G/N	✓	✗	✗	✗	✗	1T1R	✗	4.19	✓	N/A
Hi3861L	SDIO	802.11B/G/N	✓	✗	✗	✗	✗	1T1R	✗	5.10	✓	N/A
Hi3861/3881	SDIO	802.11B/G/N	✓	✗	✗	✗	✗	1T1R	✗	4.19	✗	N/A
AP6275S	SDIO	802.11B/G/N/AC	✓	✓	✗	✓	✓	2T2R	5.0	5.10	✗	13*15*1.5
AP6398S	SDIO	802.11B/G/N/AC	✓	✓	✗	✓	✓	2T2R	5.0	5.10	✗	13*15*1.5
AP6398SR3	SDIO	802.11B/G/N/AC	✓	✓	✗	✓	✓	2T2R	5.0	5.10	✗	13*15*1.5
AP6398SV	SDIO	802.11B/G/N/AC	✓	✓	✗	✓	✓	2T2R	5.0	5.10	✗	13*15*1.5
AP6398SV3	SDIO	802.11B/G/N/AC	✓	✓	✗	✓	✓	2T2R	5.0	5.10	✗	13*15*1.5
AP6275S	SDIO	802.11B/G/N/AC/AX(WIFI 6)	✓	✓	✗	✓	✓	2T2R	5.0	5.10	✗	13*15*1.5
AP6275SR3	SDIO	802.11B/G/N/AC/AX(WIFI 6)	✓	✓	✗	✓	✓	2T2R	5.0	5.10	✗	13*15*1.5
AP6275P	PCIE	802.11B/G/N/AC/AX(WIFI 6)	✓	✓	✗	✓	✗	2T2R	5.0	5.10	✗	13*15*1.5
AP6275PR3	PCIE	802.11B/G/N/AC/AX(WIFI 6)	✓	✓	✗	✓	✗	2T2R	5.0	5.10	✗	13*15*1.5
RTL8821CU	USB	802.11B/G/N/AC	✓	✓	✗	✓	✗	2T2R	4.2	5.10	✗	13.0*12.2
RTL8822CE	PCIE	802.11B/G/N/AC	✓	✓	✗	✓	✓	2T2R	4.2	5.10	✗	M.2 E-Key
RTL8822BU	USB	802.11B/G/N/AC	✓	✓	✗	✓	✗	2T2R	4.2	5.10	✗	N/A
SSV6155P	USB	802.11B/G/N	✓	✗	✗	✗	✗	1T1R	✗	5.10	✗	N/A
ATBM6031	SDIO	802.11B/G/N	✓	✗	✗	✓	✗	1T1R	✗	5.10	✗	N/A

AIC8800	SDIO	802.11B/G/N/AX(WIFI6)	✓	✓	✗	✓	✗	**1T1R**	**5.0**	**4.19**	✗	N/A
BES2600	SDIO	802.11B/G/N/AC	✓	✓	✗	✓	✗	**1T1R**	**5.0**	**4.19**	✗	N/A
CYW54591	SDIO/PCIE	802.11B/G/N/AC	✓	✓	✓	✓	✓	**2T2R**	**5.2**	**5.10**	✗	M.2 E-Key
CYW55572	SDIO/PCIE	802.11B/G/N/AC/AX(WIFI6)	✓	✓	✓	✓	✓	**2T2R**	**5.2**	**5.10**	✗	M.2 E-Key