Rockchip Linux Wi-Fi Situation

WiFi Chip	IFACE	IEEE 802.11 Standard	2.4GHz Band	5.0GHz Band	HT40	BT	SDIO3.0	MIMO	BT4.0	BT4.2	BT5.0	模组
AP6212/AP6212A AP6214/AP6214A	SDIO	IEEE 802.11B/G/N	√	×	×	√	×	×	√	×	×	
Cypress AW-NB197SM AW-NB372SM	SDIO	IEEE 802.11B/G/N	√	×	×	√	×	×	√	√	×	
AP6255	SDIO	IEEE 802.11A/B/G/N/AC	√	√	√	√	√	×	√	√	×	
AP6256	SDIO	IEEE 802.11A/B/G/N/AC	√	√	√	√	√	×	√	√	√	
Cypress AW-CM256SM AW-CM390SM	SDIO	IEEE 802.11A/B/G/N/AC	√	√	√	√	√	×	√	√	×	
RTL8723DS	SDIO	IEEE 802.11B/G/N	√	×	√	√	×	×	√	√	×	
RTL8189FTV	SDIO	IEEE 802.11B/G/N	√	×	√	×	×	×	×	×	×	
RTL8821CS	SDIO	IEEE 802.11B/G/N/AC	√	√	√	√	√	×	×	√	×	
RTL8188EU	USB	IEEE 802.11B/G/N	√	×	√	×	×	×	×	×	×	pin to pin
RTL8822BS	SDIO	IEEE 802.11B/G/N/AC	√	√	√	√	√	×	×	√	×	
RTL8822CS	SDIO	IEEE 802.11B/G/N/AC	√	√	√	√	√	×	×	√	×	
AP6181	SDIO	IEEE 802.11B/G/N	√	×	×	×	×	×	×	×	×	
AP6236 AP6216	SDIO	IEEE 802.11B/G/N	√	×	×	√	×	×	√	√	×	
AP6201BM	SDIO	IEEE 802.11B/G/N	√	×	×	√	×	×	√	√	√	

Model	Interface	Standard										Size
AP6203BM	SDIO	IEEE 802.11B/G/N	√	√	×	√	×	×	√	√	√	
AP6354 AP6356S	SDIO	IEEE 802.11B/G/N/AC	√	√	√	√	√	√	√	√	×	
SV6158/6256	SDIO	IEEE 802.11B/G/N	√	×	×	×	×	×	×	×	×	
RK912	SDIO	IEEE 802.11B/G/N	√	×	×	×	×	×	×	×	×	
RK915	SDIO	IEEE 802.11B/G/N	√	×	×	×	×	×	×	×	×	
Hi3861/3881	SDIO	IEEE 802.11B/G/N	√	×	×	×	×	×	×	×	×	N/A
AP6275S	SDIO	IEEE 802.11B/G/N/AC	√	√	√	√	√	√	√	×	√	13*15*1.5mm
AP6398S	SDIO	IEEE 802.11B/G/N/AC	√	√	√	√	√	√	√	√	√	13*15*1.5mm
AP6398SR3	SDIO	IEEE 802.11B/G/N/AC	√	√	√	√	√	√	√	√	√	13*15*1.5mm
AP6398SV	SDIO	IEEE 802.11B/G/N/AC	√	√	√	√	√	√	√	√	√	13*15*1.5mm
AP6398SV3	SDIO	IEEE 802.11B/G/N/AC	√	√	√	√	√	√	√	√	√	13*15*1.5mm
AP6275S	SDIO	IEEE 802.11B/G/N/AC/AX(WIFI6)	√	√	√	√	√	√	√	√	√	13*15*1.5mm
AP6275SR3	SDIO	IEEE 802.11B/G/N/AC/AX(WIFI6)	√	√	√	√	√	√	√	√	√	13*15*1.5mm
AP6275P	PCIE	IEEE 802.11B/G/N/AC/AX(WIFI6)	√	√	√	√	×	√	√	√	√	13*15*1.5mm
AP6275PR3	PCIE	IEEE 802.11B/G/N/AC/AX(WIFI6)	√	√	√	√	×	√	√	√	√	13*15*1.5mm
RTL8821CU	USB	IEEE 802.11B/G/N/AC	√	√	√	√	×	√	√	√	×	13.0*12.2mm
RTL8822BU	USB	IEEE 802.11B/G/N/AC	√	√	√	√	×	√	√	√	×	18.0*27.0mm

注意：
1、如果需要支持AP/Realtek的其它型号，或SDK没有相关驱动或firmware时，都可以参考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；
　　WIFIBT开发文档：在docs\Linux\Wifibt\目录：Rockchip_Developer_Guide_Linux_WIFI_BT_CN.pdf
3、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。