

RK Wi-Fi Situation

WiFi Chip	IFACE	IEEE 802.11 Standard	2.4GHz Band	5.0GHz Band	BT	GPS	NFC	40MHz z	SoftAP	P2P①	MIMO	BT4.0 ②	3.10 kernel ③	Maturity④
RK901	SDIO	IEEE 802.11B/G/N	✓	✗	✗	✗	✗	✗	✓	✗	✗	✗	✓	Good
RK903	SDIO	IEEE 802.11B/G/N	✓	✗	✓	✗	✗	✗	✓	✓	✗	✓	✓	Perfect
AP6181	SDIO	IEEE 802.11B/G/N	✓	✗	✗	✗	✗	✗	✓	✓	✗	✗	✓	Good
AP6210	SDIO	IEEE 802.11B/G/N	✓	✗	✓	✗	✗	✗	✓	✓	✗	✓	✓	Very Good
AP6212	SDIO	IEEE 802.11B/G/N	✓	✗	✓	✗	✗	✗	✓	✓	✗	✓	✓	Very Good
AP6330	SDIO	IEEE 802.11A/B/G/N	✓	✓	✓	✗	✗	✗	✓	✓	✗	✓	✓	Very Good
AP6476	SDIO	IEEE 802.11B/G/N	✓	✗	✓	✓	✗	✗	✓	✓	✗	✓	✓	Good
AP6493	SDIO	IEEE 802.11B/G/N	✓	✗	✓	✗	✓	✗	✓	✓	✗	✓	✓	Good
AP6234	SDIO	IEEE 802.11A/B/G/N	✓	✓	✓	✗	✗	✓	✓	✓	✗	✓	✓	Good
AP6441	SDIO	IEEE 802.11A/B/G/N	✓	✓	✓	✗	✓	✓	✓	✓	✗	✓	✓	Good
AP6335	SDIO	IEEE 802.11A/B/G/N/AC	✓	✓	✓	✗	✗	✓	✓	✓	✗	✓	✓	Good
AP6354	SDIO	IEEE 802.11A/B/G/N/AC	✓	✓	✓	✗	✗	✓	✓	✓	✓	✓	✓	Good
Realtek RTL8188EUS	USB	IEEE 802.11B/G/N	✓	✗	✗	✗	✗	✓	✓	✓	✗	✗	✓	Perfect
Realtek RTL8188ETV	USB	IEEE 802.11B/G/N	✓	✗	✗	✗	✗	✓	✓	✓	✗	✗	✓	Perfect
Realtek RTL8192DU	USB	IEEE 802.11A/B/G/N	✓	✓	✗	✗	✗	✓	✓	✓	✓	✗	✗	Preliminary

Realtek RTL8723BS	SDIO	IEEE 802.11B/G/N	✓	✗	✓	✗	✗	✓	✓	✓	✗	✓	✓	Good
Realtek RTL8723BU	USB	IEEE 802.11B/G/N	✓	✗	✓	✗	✗	✓	✓	✓	✗	✓	✓	Good
Realtek RTL8189ES/ET V	SDIO	IEEE 802.11B/G/N	✓	✗	✗	✗	✗	✗	✓	✓	✗	✗	✓	Good
Realtek RTL8812AU	USB	IEEE 802.11A/B/G/N/AC	✓	✓	✓	✗	✗	✓	✓	✓	✓	✗	✓	Good
ESP8089	SDIO	IEEE 802.11B/G/N	✓	✗	✗	✗	✗	✓	✓	✓	✗	✗	✓	Very Good
①. 支持P2P功能，在Android4.2及更高版本上也表示支持WiFi Display。														
②. ✓：表示在Android 4.4版本上才支持，有可能还需要打上补丁才能支持														
③. 因3.10版本内核和3.0.X差异较大，目前部分模组还不支持3.10内核。														
④. Preliminary表示还没有规模量产过，但已经在RK平台上验证为可用。														