OPL1000

ULTRA-LOW POWER 2.4GHZ WI-FI + BLUETOOTH SMART SOC

WiFi Interoperability Results

OPULINKS

OPL1000-WiFi-Interoperability-Results-R01｜Version V01

Date	Version	Contents Updated
2018–06–13	0.1	● Initial Release

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1. INTRODUCTION

1.1. Scope of Document Application

This document outlines the WIFI IOP testing result on OPL1000 DEVKIT.

1.2. Abbreviations

Abbr.	Explanation
AP	Access Point
IOP	Interoperability

1.3. References

N/A

2. IOP RESULT

OPL1000 has already completed the inter-operability testing of the chips as shown below, as these chips already covers the main WiFi AP chip providers. With subsequently added testing items, this list will grow further.

No.	AP Vender	Model	Build-in Wifi Chip	OPL1000 Status
1	ASUS	RT-N18U	Broadcom 4360	PASSED
2	ASUS	RT-N12+	Broadcom 5357	PASSED
3	CISCO	WAP321	Broadcom BCM4748	PASSED
4	Netgear	WGR614V9	Broadcom BCM5354KFBG	PASSED
5	D-Link	DIR-600M	Realtek	PASSED
6	D-Link	DIR-816	MediaTek MT7620A+MT7610EN	PASSED
7	D-Link	DIR-612	Realtek8192ER	PASSED
8	D-Link	DIR-809	Realtek8881AN+RTK8192ER	PASSED
9	HUAWEI	WS318	Realtek RTL8676S+RTL8192ER	PASSED
10	TP-Link	TL WA701ND	Atheros AR9285	PASSED
11	TP-Link	TL WR702N	Atheros AR9331	PASSED
12	TP-Link	WAR308	Qualcomm QCA9533-BL3A	PASSED
13	TP-Link	TL WDR5600	Qualcomm QCA9561-AL3A + QCA9887	PASSED
14	Netis	WF2419	Realtek RTK8192CE	PASSED
15	Sapido	RB-1602G3	RTL8916E	PASSED

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3. REFERENCE AP LIST

Amazon top 10 AP list:

AP	Built-in Wifi Chip
NETGEAR R6700 Nighthawk AC1750	BROADCOM
TP LINK AC1900 Archer C9	Broadcom BCM4360
NETGEAR R6080	MediaTek MT7628A x2
Linksys EA6350	Broadcom BCM47081A0
TP-Link TL-WR940N	Qualcomm Atheros TP9343
TP-Link TL-WR841N V7	Atheros
NETGEAR WNDR4300 v2	Qualcomm QCA9563
TP-LINK Archer C1200 AC1200	Broadcom
TPlink Archer C7	Qualcomm Atheros QCA9880
ASUS RT-ACRH13	Qualcomm IPQ4018

TMall top 10 AP list:

AP	Built-in Wifi Chip
TPLink TL-WDR5620	MTK MT7628+MT7612EN
MERCURY MW325R V4	MTK MT7628KN
TPLink TL-WR886N V6	Qualcomm tp9345-al3a
Tenda AC7	Realtek RTL9197FN+RTL8812BRH
Xiaomi 3A	MTK MT7620A+MT7612EN
TPlink TL-WDR7300	Qualcomm QCA9561+ QCA9880
Tenda F3	Realtek RTL8196E
MERCURY MW315R	MTK MT7628

HUAWEI WS5200	Realtek RTL8197FS
Tenda AC6	BROADCOM BCM5357

CONTACT

sales@Opulinks.com