



Wi-Fi CERTIFIED™ Interoperability Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing.
Learn more: www.wi-fi.org/certification/programs



Certification ID: WFA72686

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Date of Last Certification	July 14, 2017
Company	Essential Products, Inc.
Product	Smart Phone
Model Number	A11
Product Identifier(s)	
Category	Phones
Subcategory	Smartphone, multi-mode (Wi-Fi and other)
Hardware Version	Product: EVT3, Wi-Fi Component: WCN-3990-0-116WLPSP-TR-0M-0
Firmware Version	Product: NMF26X 96, Wi-Fi Component: WLAN.HL.1.0-00648-QCAHLSWMTPLZ-1
Operating System	Android, version: 7.1.1
Frequency Band(s)	2.4 GHz, 5 GHz

Summary of Certifications

CLASSIFICATION	PROGRAM
Connectivity	Wi-Fi CERTIFIED™ a, b, g, n, ac
	WPA™ – Enterprise, Personal
	WPA2™ – Enterprise, Personal
	Wi-Fi Direct®
Optimization	TDLS
	WMM®
	WMM®-Admission Control
Access	WMM®-Power Save
	Wi-Fi Protected Setup™
Applications & Services	Miracast® - Source
	Voice-Enterprise



Security

WPA™ – Enterprise, Personal
WPA2™ – Enterprise, Personal
EAP Type(s)
EAP-TLS
EAP-TTLS/MSCHAPv2
PEAPv0/EAP-MSCHAPv2
PEAPv1/EAP-GTC
EAP-SIM
EAP-AKA
EAP-AKA Prime
Protected Management Frames

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

2.4 GHz, 5 GHz
2 Spatial Streams 2.4 GHz
2 Spatial Streams 5 GHz
Short Guard Interval
TX A-MPDU
STBC Receive
40 MHz operation in 5 GHz
Reduced Interframe Space (RIFS)

Wi-Fi CERTIFIED™ ac

2 Spatial Streams 5 GHz
Rx MCS 8-9 (256-QAM)
Rx STBC 2x1
Rx A-MPDU of A-MSDU
Low Density Parity Check coding
Tx SU beamformee
Rx DL MU-MIMO
Extended 5 GHz Channel Support
RTS with BW Signaling

Wi-Fi Direct®

2.4 GHz, 5 GHz

TDLS

WMM®

WMM®-Admission Control

WMM®-Power Save

Miracast®

Release 1
Source Device

Wi-Fi Protected Setup™

2.4 GHz, 5 GHz
PIN
Push-Button (PBC)

Voice-Enterprise

Spectrum and Regulatory Features

802.11h