



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: WFA98018

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Date of Last Certification	July 28, 2020
Company	Compal Broadband Networks, Inc.
Product	AP5841
Model Number	AP5841
Product Identifier(s)	
Category	Routers
Subcategory	Cable, DSL or Other Broadband Gateway (Integrated Home Access Device)
Hardware Version	Product: R0A, Wi-Fi Component: R0A
Firmware Version	Product: SPF.11.0_CS.1.2-SH, Wi-Fi Component: SPF.11.0_CS.1.2-SH
Operating System	Linux
Frequency Band(s)	2.4 GHz, 5 GHz - Concurrent

Summary of Certifications

CLASSIFICATION	PROGRAM
Connectivity	Wi-Fi CERTIFIED 6™
	Wi-Fi CERTIFIED™ a, b, g, n, ac
	WPA2™ – Enterprise, Personal
	WPA3™ – Enterprise, Personal
Optimization	Wi-Fi Agile Multiband™
	WMM®
	WMM®-Power Save
Access	Wi-Fi Protected Setup™



Security

WPA2™ – Enterprise, Personal
WPA3™ – Enterprise, Personal (Aug 2019)
EAP Type(s)
Any EAP Type
Protected Management Frames

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

2.4 GHz, 5 GHz - Concurrent
2 Spatial Streams 2.4 GHz
2 Spatial Streams 5 GHz
Short Guard Interval
TX A-MPDU
STBC Transmit
40 MHz operation in 2.4 GHz, with coexistence mechanisms
40 MHz operation in 5 GHz

Wi-Fi CERTIFIED™ ac

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

Wi-Fi CERTIFIED 6™

2 Spatial Streams 2.4 GHz Rx
2 Spatial Streams 5 GHz Rx
Maximum Supported Channel Width (20, 40, 80 MHz)
DL MU-MIMO
DL SU Beamforming
DL OFDMA
UL OFDMA
Target Wake Time (TWT)
MCS 8-9 Rx
MCS 10-11 Rx
MU-BAR trigger frame
MU-RTS /CTS trigger frame
DL MU-PPDU with basic trigger frame
Buffer Status Report (BSRP) trigger frame
256 Block Acknowledge (BA) Rx
256 Block Acknowledge (BA) Tx

Wi-Fi CERTIFIED 6™ (continued)

MU EDCA Parameter set
Multiple-BSSID Set
Low Density Parity Check (LDPC) coding
Operating Mode Rx

Wi-Fi Agile Multiband™

WMM®

WMM®-Power Save

Wi-Fi Protected Setup™

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

Spectrum and Regulatory Features

802.11d
802.11h