



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: WFA101128

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Date of Last Certification	July 28, 2020
Company	Askey Computer Corporation
Product	Askey RT5010W
Model Number	RT5010W
Product Identifier(s)	
Category	Routers
Subcategory	Access Point for Home or Small Office (Wireless Router)
Hardware Version	Product: Rev2, Wi-Fi Component: IPQ8072A
Firmware Version	Product: 4.0.3, Wi-Fi Component: WLAN.HK.2
Operating System	Linux, version: Kernel 4.4.60
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
	WPA™ – Enterprise, Personal
	WPA2™ – Enterprise, Personal
	WPA3™ – Enterprise, Personal
	Wi-Fi Enhanced Open™
Optimization	Wi-Fi Agile Multiband™
	WMM®
Access	Wi-Fi Protected Setup™



Security

WPA™ – Enterprise, Personal
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
3 Spatial Streams 2.4 GHz
3 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

4 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

Wi-Fi CERTIFIED 6™

4 Spatial Streams 2.4 GHz Rx
4 Spatial Streams 5 GHz Rx
Maximum Supported Channel Width (20, 40, 80, 160 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
MU EDCA Parameter set

Wi-Fi CERTIFIED 6™ (continued)

Multiple-BSSID Set
Low Density Parity Check (LDPC) coding
Operating Mode Rx

Wi-Fi Enhanced Open™

Wi-Fi Agile Multiband™

WMM®

Wi-Fi Protected Setup™

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