



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: WFA71591

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Date of Last Certification	February 16, 2018
Company	Intel
Product	Intel 802.11 a/b/g/n/ac 4x4 Access Point
Model Number	GRX550
Product Identifier(s)	
Category	Other
Subcategory	Reference Design
Hardware Version	Product: GRX550, Wi-Fi Component: GPB524H & GPB514H
Firmware Version	Product: UGW7.2, Wi-Fi Component: 05.05.00.01_OCE_1.47
Operating System	Linux
Frequency Band(s)	2.4 GHz, 5 GHz - Concurrent

Summary of Certifications

CLASSIFICATION	PROGRAM
Connectivity	Wi-Fi CERTIFIED™ a, b, g, n, ac
	WPA™ - Personal
	WPA2™ - Personal
Optimization	Wi-Fi Agile Multiband™
	Wi-Fi Optimized Connectivity™
	WMM®
	WMM®-Power Save



Security

WPA™ - Personal
WPA2™ - Personal
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
HT Duplicate Mode (MCS 32)

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
Tx DL MU-MIMO
RTS with BW Signaling

Wi-Fi Agile Multiband™

Steer to Cellular Data
Fast Transition: WPA2-Enterprise and WPA2-Personal

Wi-Fi Optimized Connectivity™

Fast Initial Link Setup Shared Key Authentication
Higher Layer Protocol Encapsulation

WMM®

WMM®-Power Save

Spectrum and Regulatory Features

802.11d