



Wi-Fi CERTIFIED® Certificate

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



Certification ID: WFA53679

Product Info

Date of Certification	March 7, 2014
Company	NETGEAR
Product Name	NETGEAR R7000 WiFi Router
Product Model Variant	2014-03-07 (WFA53679 - 1712224)
Model Number	R7000
Category	Routers
Sub-category	Access Point for Home or Small Office (Wireless Router)

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Network management	WMM® WMM®-Power Save
Security	WPA2™-Enterprise WPA2™-Personal
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n

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Role: Access Point

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Wi-Fi Components

Wi-Fi Component Operating System

Linux, version:2.6.36

Wi-Fi Component Firmware

1.0.3.24_1.1.20

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	3	3
5 GHz	3	3

Certifications

2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz
40 MHz Channel Width in 2.4 GHz

Wi-Fi CERTIFIED™ ac (continued)

A-MPDU with A-MSDU
LDPC Rx
LDPC Tx
MCS 8-9 Rx
Short Guard Interval
STBC
SU beamformer

5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz
40 MHz Channel Width in 5 GHz
80 MHz Channel Width in 5 GHz

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

WMM®

HT Duplicate Mode

WMM®-Power Save

RIFS

Short Guard Interval

STBC

A-MPDU Tx

WPA2™-Enterprise

EAP methods

WPA2™-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi Protected Setup™

Wi-Fi CERTIFIED™ ac

PIN

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Wi-Fi Protected Setup™ (continued)

Pushbutton

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