



# 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/programs](http://www.wi-fi.org/certification/programs)

**Certification ID: WFA55243**

## Product Info

<b>Date of Certification</b>	July 7, 2014
<b>Company</b>	NETGEAR
<b>Product Name</b>	AC750 WiFi Range Extender
<b>Product Model Variant</b>	2014-07-07 (WFA55243 - 2003903)
<b>Model Number</b>	EX6100
<b>Category</b>	Routers
<b>Sub-category</b>	Access Point for Home or Small Office (Wireless Router)

## Summary of Certifications

<b>CLASSIFICATION</b>	<b>CERTIFICATION</b>
<b>Access</b>	Wi-Fi Protected Setup™
<b>Connectivity</b>	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
<b>Optimization</b>	WMM® WMM®-Power Save
<b>Security</b>	WPA2™-Personal

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Role: Access Point

Page 2 of 2

## Wi-Fi Components

### Wi-Fi Component Operating System

Linux, version:2.6.36

### Wi-Fi Component Firmware

3.0.1.4

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	2	2
5 GHz	1	1

## Certifications

### 2.4 GHz Spectrum Capabilities

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

### 5 GHz Spectrum Capabilities

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

### WMM®

### WMM®-Power Save

### WPA2™-Personal

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

HT Duplicate Mode

### Wi-Fi CERTIFIED™ n (continued)

OBSS on Extension Channel  
RIFS  
Short Guard Interval  
STBC  
A-MPDU Tx

### Wi-Fi Protected Setup™

PIN  
Pushbutton

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