



# Wi-Fi CERTIFIED® Certificate



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: [www.wi-fi.org](http://www.wi-fi.org)

**Certification ID: WFA50185**

## Product Info

<b>Date of Certification</b>	March 18, 2014
<b>Company</b>	MediaTek Inc.
<b>Product Name</b>	MT7612
<b>Product Model Variant</b>	2014-03-18 (WFA50185 - 1687329)
<b>Model Number</b>	MT7612
<b>Category</b>	Other
<b>Sub-category</b>	Reference Design

## Summary of Certifications

<b>CLASSIFICATION</b>	<b>CERTIFICATION</b>
<b>Access</b>	Wi-Fi Protected Setup™
<b>Network management</b>	WMM®
<b>Security</b>	WPA2™-Enterprise WPA2™-Personal
<b>Wi-Fi (MAC/PHY)</b>	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: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Windows 7

### Wi-Fi Component Firmware

5.1.11.0

### RF Architecture

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

## 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  
 80 MHz Channel Width in 5 GHz

### WMM®

### WPA2™-Enterprise

EAP methods  
 EAP TLS  
 PEAPv0

### WPA2™-Personal

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

### Wi-Fi CERTIFIED™ ac (continued)

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

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

STBC  
 A-MPDU Tx  
 HT Duplicate Mode  
 OBSS on Extension Channel  
 RIFS  
 Power Management  
 Short Guard Interval

### Wi-Fi Protected Setup™

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## Wi-Fi Protected Setup™ (continued)

PIN

Pushbutton

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