



# 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: WFA4163

### Product Info

<b>Date of Certification</b>	December 23, 2005
<b>Company</b>	HP Inc.
<b>Product Name</b>	Broadcom 802.11a/g Minicard
<b>Product Model Variant</b>	2005-12-23 (WFA4163 - 3090)
<b>Model Number</b>	Broadcom BCM94311MCAG
<b>Category</b>	Computers & Accessories
<b>Sub-category</b>	Internal Adapter

### Summary of Certifications

<b>CLASSIFICATION</b>	<b>CERTIFICATION</b>
<b>Connectivity</b>	5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ g
<b>Optimization</b>	WMM®
<b>Security</b>	WPA2™-Enterprise WPA2™-Personal

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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Proprietary / Other, description:(empty)

### Wi-Fi Component Firmware

(empty)

### RF Architecture

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

## Certifications

### 5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz

40 MHz Channel Width in 5 GHz

### WMM®

### WPA2™-Enterprise

EAP methods

EAP SIM

EAP TLS

EAP TTLS

PEAPv0

PEAPv1

### WPA2™-Personal

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