



# 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: WFA19718

### Product Info

|                              |   |
|------------------------------|---|
| <b>Date of Certification</b> | June 11, 2013                                   |
| <b>Company</b>               | Broadcom Corporation                            |
| <b>Product Name</b>          | Broadcom 43142 Miracast Source Reference Design |
| <b>Product Model Variant</b> | 2013-06-11 (WFA19718 - 21577)                   |
| <b>Model Number</b>          | BCM943142                                       |
| <b>Category</b>              | Computers & Accessories                         |
| <b>Sub-category</b>          | Laptop Computer                                 |

### Summary of Certifications

| CLASSIFICATION                     | CERTIFICATION  |
|------------------------------------|--|
| <b>Access</b>                      | Wi-Fi Protected Setup™   |
| <b>Applications &amp; Services</b> | Miracast®  |
| <b>Connectivity</b>                | 2.4 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n<br>Wi-Fi Direct® |
| <b>Optimization</b>                | WMM®   |
| <b>Security</b>                    | WPA2™-Enterprise<br>WPA2™-Personal   |



# Wi-Fi CERTIFIED™ Certificate

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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) |
|-----------------|---------------|--------------|
| 2.4 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

### Wi-Fi Protected Setup™

PIN  
Pushbutton

### WMM®

### WPA2™-Enterprise

EAP methods  
EAP TLS  
EAP TTLS  
PEAPv0

### WPA2™-Personal

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

STBC  
A-MPDU Tx  
Short Guard Interval

### Wi-Fi Direct®



# Wi-Fi CERTIFIED™ Certificate

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Role: Source

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## Wi-Fi Components

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Miracast®