



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

Certification ID: WFA19718

Product Info

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

Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|------------------------------------|--|
| Access | Wi-Fi Protected Setup™ |
| Applications & Services | Miracast® |
| Connectivity | 2.4 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n Wi-Fi Direct® |
| Optimization | WMM® |
| Security | 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) |
|-----------------|---------------|--------------|
| 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®

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Role: Source

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Certifications

Miracast®

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