



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 ID: WFA56437

Product Info

Date of Certification	December 17, 2014
Company	GainSpan Corporation
Product Name	GS2000 Ultra Low Power System-on-Chip (SoC)
Product Model Variant	2014-12-17 (WFA56437 - 2498973)
Model Number	GS2000
Category	Other
Sub-category	Chipset

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Network management	WMM® WMM®-Power Save
Security	WPA2™-Enterprise WPA2™-Personal
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 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

Proprietary / Other, description: Threadx

Wi-Fi Component Firmware

5.1.1

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

WMM®

WMM®-Power Save

Legacy Power Save
Unschedule auto PS

WPA2™-Enterprise

EAP methods
EAP FAST-MSCHAPv2
EAP TLS
EAP TTLS
PEAPv0
PEAPv1

WPA2™-Personal

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

Wi-Fi CERTIFIED™ n (continued)

RIFS
Short Guard Interval

Wi-Fi Protected Setup™

PIN
Pushbutton

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