



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: WFA64729

Product Info

Date of Certification	March 15, 2016
Company	Vantiva
Product Name	E653
Product Model Variant	2016-03-15 (WFA64729 - merged)
Model Number	HGW-500BA-Q5
Category	Gaming, Media & Music
Sub-category	Media Adapter

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Connectivity	5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ n
Optimization	WMM®
Security	Protected Management Frames WPA2™-Personal
Spectrum & Regulatory Features	Spectrum & Regulatory



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Role: Access Point

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Wi-Fi Components

Wi-Fi Component Operating System

Linux, version:2.6.35.12

Wi-Fi Component Firmware

36.7.5.36

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
5 GHz	4	4

Certifications

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

Wi-Fi CERTIFIED™ n (continued)

Short Guard Interval
A-MPDU Tx

Protected Management Frames

WMM®

WPA2™-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

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

Wi-Fi Protected Setup™

PIN
Pushbutton

Wi-Fi CERTIFIED™ n

OBSS on Extension Channel
RIFS



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Role: Station

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Protected Management Frames

Spectrum & Regulatory

802.11h

Wi-Fi Protected Setup™

PIN
Pushbutton

WMM®

WPA2™-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU
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