



Wi-Fi CERTIFIED™ Interoperability 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: WFA98255

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Date of Last Certification	July 13, 2020
Company	New H3C Technologies Co., Ltd.
Product	H3C WA6638 WLAN AP with H3C WX Series WLAN Controller
Model Number	H3C WA6638 WLAN AP with H3C WX Series WLAN Controller
Product Identifier(s)	
Category	Routers
Subcategory	Enterprise/Service Provider Access Point, Switch/Controller or Router
Hardware Version	Product: Ver.A, Wi-Fi Component: Ver.A
Firmware Version	Product: V700R001, Wi-Fi Component: V700R001
Operating System	Proprietary / Other: Comware
Frequency Band(s)	2.4 GHz, 5 GHz - Concurrent

Summary of Certifications

CLASSIFICATION	PROGRAM
Connectivity	Wi-Fi CERTIFIED 6™
	Wi-Fi CERTIFIED™ a, b, g, n, ac
	WPA™ – Enterprise, Personal
	WPA2™ – Enterprise, Personal
	WPA3™ – Enterprise, Personal
Optimization	Wi-Fi Agile Multiband™
	WMM®
	WMM®-Power Save



Security

WPA™ – Enterprise, Personal
WPA2™ – Enterprise, Personal
WPA3™ – Enterprise, Personal (Dec 2019)
 EAP Type(s)
 Any EAP Type
 192-bit Security
Protected Management Frames

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

2.4 GHz, 5 GHz - Concurrent
3 Spatial Streams 2.4 GHz
3 Spatial Streams 5 GHz
Short Guard Interval
TX A-MPDU
STBC Transmit
40 MHz operation in 2.4 GHz, with coexistence mechanisms
40 MHz operation in 5 GHz

Wi-Fi CERTIFIED™ ac

4 Spatial Streams 5 GHz
Rx MCS 8-9 (256-QAM)
Tx STBC 2x1
Rx A-MPDU of A-MSDU
Tx SU beamformer
Low Density Parity Check coding
Tx DL MU-MIMO

Wi-Fi CERTIFIED 6™

4 Spatial Streams 2.4 GHz Rx
4 Spatial Streams 5 GHz Rx
Maximum Supported Channel Width (20, 40, 80 MHz)
DL MU-MIMO
DL SU Beamforming
DL OFDMA
UL OFDMA
Target Wake Time (TWT)
MCS 8-9 Rx
MCS 10-11 Rx
MU-BAR trigger frame
MU-RTS /CTS trigger frame
DL MU-PPDU with basic trigger frame
Buffer Status Report (BSRP) trigger frame
256 Block Acknowledge (BA) Rx

Wi-Fi CERTIFIED 6™ (continued)

256 Block Acknowledge (BA) Tx
MU EDCA Parameter set
Multiple-BSSID Set
Low Density Parity Check (LDPC) coding
Operating Mode Rx

Wi-Fi Agile Multiband™

Steer to Cellular Data

WMM®

WMM®-Power Save

Spectrum and Regulatory Features

802.11d
802.11h