

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: WFA128167

Product Info

Date of Certification	September 18, 2023
Company	H3C
Product Name	H3C WA6020 WLAN AP with H3C WX Series WLAN Controller
Product Model Variant	2023-09-18
Model Number	H3C WA6020 WLAN AP
Category	Routers
Sub-category	Enterprise/Service Provider Access Point, Switch/Controller or Router

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Network management	WMM® Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2 [™] -Enterprise 2018-04 WPA2 [™] -Personal 2021-01 WPA3 [™] -Enterprise 2020-02 WPA3 [™] -Personal 2020-12 Wi-Fi Enhanced Open [™] 2021-01
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Spectrum & Regulatory Wi-Fi CERTIFIED 6® Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n

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Role: Access Point

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Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Comware	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware V700R001	2.4 GHz	2	2
	5 GHz	2	2

Certifications

20 MHz Channel Width in 2.4 GHz WPA3™-Enterprise 2020-02 40 MHz Channel Width in 2.4 GHz EAP methods 5 GHz Spectrum Capabilities 192-bit security 20 MHz Channel Width in 5 GHz WPA3™-Personal 2020-12 40 MHz Channel Width in 5 GHz WI-Fi Agile Multiband™ 80 MHz Channel Width in 5 GHz WI-Fi Agile Multiband™ 160 MHz Channel Width in 5 GHz Wi-Fi CERTIFIED 6® Protected Management Frames A-MPDU with A-MSDU Basic Trigger frame in HE MU PPDU BSRP Trigger frame 802.11d DL OFDMA 802.11h Individual Target Wake Time LDPC Tx MCS 8-9 Rx MCS 8-9 TX MCS 8-9 TX WPA2™-Enterprise 2018-04 MCS 10-11 Rx	2.4 GHz Spectrum Capabilities	WPA2™-Personal 2021-01	
EAP methods 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 160 MHz Channel Width in 5 GHz 160 MHz Channel Width in 5 GHz Wi-Fi Agile Multiband™ 160 MHz Channel Width in 5 GHz Wi-Fi CERTIFIED 6® Protected Management Frames A-MPDU with A-MSDU Basic Trigger frame in HE MU PPDU BSRP Trigger frame DL OFDMA Individual Target Wake Time LDPC Tx WMM® WPA2™-Enterprise 2018-04		WPA3™-Enterprise 2020-02	
5 GHz Spectrum Capabilities WPA3™-Personal 2020-12 20 MHz Channel Width in 5 GHz Wi-Fi Agile Multiband™ 40 MHz Channel Width in 5 GHz Wi-Fi Agile Multiband™ 160 MHz Channel Width in 5 GHz Wi-Fi CERTIFIED 6® Protected Management Frames A-MPDU with A-MSDU Spectrum & Regulatory Basic Trigger frame in HE MU PPDU 802.11d DL OFDMA 802.11h Individual Target Wake Time LDPC Rx LDPC Tx WMM® MCS 8-9 Rx WPA2™-Enterprise 2018-04 MCS 10-11 Rx			
40 MHz Channel Width in 5 GHz Wi-Fi Agile Multiband™ 80 MHz Channel Width in 5 GHz Wi-Fi CERTIFIED 6® Protected Management Frames A-MPDU with A-MSDU Basic Trigger frame in HE MU PPDU BSRP Trigger frame 802.11d DL OFDMA 802.11h LDPC Rx LDPC Rx LDPC Tx WMM® MCS 8-9 Rx WPA2™-Enterprise 2018-04 MCS 10-11 Rx	5 GHz Spectrum Capabilities	192-bit security	
80 MHz Channel Width in 5 GHz Wi-Fi Agile Multiband™ 160 MHz Channel Width in 5 GHz Wi-Fi CERTIFIED 6® Protected Management Frames A-MPDU with A-MSDU Spectrum & Regulatory Basic Trigger frame in HE MU PPDU 802.11d DL OFDMA 802.11h Individual Target Wake Time LDPC Rx LDPC Tx WMM® MCS 8-9 Rx WPA2™-Enterprise 2018-04 MCS 10-11 Rx		WPA3™-Personal 2020-12	
Wi-Fi CERTIFIED 6®Protected Management FramesA-MPDU with A-MSDUSpectrum & RegulatoryBasic Trigger frame in HE MU PPDU802.11dBSRP Trigger frame802.11hDL OFDMAIndividual Target Wake TimeLDPC RxLDPC RxLDPC TxWMM®MCS 8-9 RxWPA2™-Enterprise 2018-04MCS 10-11 Rx	80 MHz Channel Width in 5 GHz	Wi-Fi Agile Multiband™	
Spectrum & Regulatory Basic Trigger frame in HE MU PPDU 802.11d BSRP Trigger frame 802.11h DL OFDMA Ndividual Target Wake Time LDPC Rx LDPC Tx MCS 8-9 Rx MCS 8-9 Tx MCS 10-11 Rx		Wi-Fi CERTIFIED 6®	
Spectrum & RegulatoryBSRP Trigger frame802.11dDL OFDMA802.11hIndividual Target Wake TimeLDPC RxLDPC RxLDPC TxMCS 8-9 RxWMM®MCS 8-9 TxWPA2™-Enterprise 2018-04MCS 10-11 Rx	Protected Management Frames	A-MPDU with A-MSDU	
802.11d Individual Target Wake Time 802.11h LDPC Rx LDPC Tx MCS 8-9 Rx MCS 8-9 Tx MCS 10-11 Rx	Spectrum & Regulatory		
WMM® MCS 8-9 Rx MCS 8-9 Tx MCS 10-11 Rx		Individual Target Wake Time LDPC Rx	
WPA2 -Enterprise 2018-04	WMM®	MCS 8-9 Rx	
MCS 10-11 Tx	WPA2™-Enterprise 2018-04	MCS 10-11 Rx MCS 10-11 Tx	
EAP methods MU EDCA Parameter Set element MU-BAR Trigger frame	EAP methods	MU EDCA Parameter Set element	

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Role: Access Point

Wi-Fi CERTIFIED 6® (continued)

Operating mode subfield in A-Control field Operating mode indication Operating mode UL MU Rx SU beamformer SU-MIMO UL OFDMA

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

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

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx OBSS on Extension Channel Short Guard Interval STBC

Wi-Fi Enhanced Open™ 2021-01

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