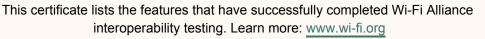


Wi-Fi CERTIFIED® Certificate





Certification ID: WFA109307

Product Info

Date of Certification	February 3, 2021
Company	Vantiva
Product Name	CGA6444VF DOCSIS Gateway
Product Model Variant	CGA6444VF DOCSIS Gateway
Model Number	CGA6444VF
Category	Routers
Sub-category	Cable, DSL or Other Broadband Gateway (Integrated Home Access Device)

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Network management	WMM® Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Personal 2020-02 WPA3™-Personal 2020-02
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities 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

Wi-Fi Components

Page 2 of 3

Wi-Fi Component Operating System	RF Architecture		
Linux	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware OpenBFC 19.3+WLAN 9.1.1P2	2.4 GHz	4	4
	5 GHz	4	4

Certifications

2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz 40 MHz Channel Width in 2.4 GHz

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

Protected Management Frames

WMM®

WPA2[™]-Personal 2020-02

WPA3[™]-Personal 2020-02

Wi-Fi Agile Multiband™

Wi-Fi CERTIFIED 6®

4 antenna support

Wi-Fi CERTIFIED 6® (continued)

A-MPDU with A-MSDU Basic Trigger frame in HE MU PPDU **BSRP** Trigger frame DL MU-MIMO DL OFDMA Individual Target Wake Time LDPC Rx LDPC Tx MCS 8-9 Rx MCS 8-9 Tx MCS 10-11 Rx MCS 10-11 Tx MU EDCA Parameter Set element MU-BAR Trigger frame Operating mode subfield in A-Control field Operating mode indication Operating mode UL MU Rx SU beamformer SU-MIMO TXOP RTS Threshold **UL OFDMA**

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

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Role: Access Point

Role: Access Point	Page 3 of 3
Wi-Fi CERTIFIED™ ac (continued)	
Extended 5 GHz Channel Support A-MPDU with A-MSDU DL MU-MIMO 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	
HT Duplicate Mode OBSS on Extension Channel Short Guard Interval STBC A-MPDU Tx	
Wi-Fi Protected Setup™	
PIN Pushbutton	

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