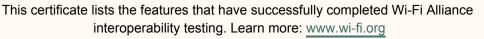


Wi-Fi CERTIFIED® Certificate





Certification ID: WFA112156

Product Info

Date of Certification	May 12, 2021
Company	Huawei Technologies Co., Ltd.
Product Name	Optical Network Terminal
Product Model Variant	OptiXstar EG8245X6-8N
Model Number	OptiXstar EG8245X6-8N
Category	Routers
Sub-category	Enterprise/Service Provider Access Point, Switch/Controller or Router

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Alternative topologies	Wi-Fi EasyMesh™
Network management	WMM® WMM®-Power Save Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2 [™] -Enterprise 2018-04 WPA2 [™] -Personal 2021-01 WPA3 [™] -Enterprise 2020-02 WPA3 [™] -Personal 2020-02
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		Pa	age 2 of 4
Wi-Fi Components Wi-Fi Component Operating System	RF Architecture		
Linux Wi-Fi Component Firmware V5	Bands Supported 2.4 GHz 5 GHz	Transmit (Tx) 4 4	Receive (Rx) 4 4
Certifications			
2.4 GHz Spectrum Capabilities	WMM®-Power Sav	ve (continued)	
20 MHz Channel Width in 2.4 GHz 40 MHz Channel Width in 2.4 GHz	Unschedule auto PS		
5 GHz Spectrum Capabilities 20 MHz Channel Width in 5 GHz	WPA2 [™] -Enterpris	e 2018-04	
40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz 160 MHz Channel Width in 5 GHz	WPA2™-Personal WPA3™-Enterpris		
Protected Management Frames	EAP methods		
Spectrum & Regulatory	WPA3™-Personal	2020-02	
802.11d 802.11h	Wi-Fi Agile Multiba	and™	
WMM® WMM®-Power Save Legacy Power Save	4 antenna support A-MPDU with A-MSDU Basic Trigger frame in H Beamforming sounding		
Leyacy Fuwer Save	beamorning sounding		

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Role: Access Point

Wi-Fi CERTIFIED 6® (continued)

BSRP Trigger frame Compressed Block Ack Rx (buffer size 256) Compressed Block Ack Tx (buffer size 256) DL MU-MIMO DL OFDMA Individual Target Wake Time LDPC Rx LDPC Tx MCS 8-9 Rx MCS 8-9 Tx MU EDCA Parameter Set element **MU-BAR Trigger frame MU-RTS** Trigger frame M-BSSID 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™ ac (continued)

SU beamformer

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

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

Wi-Fi Protected Setup™

PIN

Pushbutton

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED[™] ac

RTS with BW Signaling 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

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Wi-Fi CERTIFIED® Certificate

Certification ID: WFA112156



Role: Controller	Page 4 of 4
Wi-Fi Components	
Wi-Fi Component Operating System	
Linux	
Certifications	
Wi-Fi EasyMesh™	

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