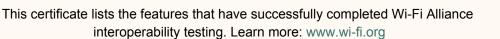


# Wi-Fi CERTIFIED® Certificate





## **Certification ID: WFA133601**

## **Product Info**

Date of Certification	November 28, 2024
Company	TP-Link Systems Inc.
Product Name	BE7200 Dual Band Wi-Fi 7 GPON Router
Product Model Variant	XB432v
Model Number	XB432v
Category	Routers
Sub-category	Cable, DSL or Other Broadband Gateway (Integrated Home Access Device)

## **Summary of Certifications**

CLASSIFICATION	CERTIFICATION
Network management	WMM® Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2024-10
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Spectrum & Regulatory Wi-Fi CERTIFIED 6® Wi-Fi CERTIFIED 7™ Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ n



## Wi-Fi CERTIFIED® Certificate

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Role: Access Point	Pa	Page 2 of 3			
Wi-Fi Components					
Wi-Fi Component Operating System	RF Architecture				
Linux version 5.4.55	Bands Supported	Transmit (Tx)	Receive (Rx)		
Wi-Fi Component Firmware	2.4 GHz	4	4		
V1.0	-				
	5 GHz	4	4		
Certifications					
2.4 GHz Spectrum Capabilities	WPA3™-Personal	2024-10 (contin	ued)		
20 MHz Channel Width in 2.4 GHz	AKM 24				
40 MHz Channel Width in 2.4 GHz	Beacon Protection				
			_		
5 GHz Spectrum Capabilities	Wi-Fi Agile Multiband™				
20 MHz Channel Width in 5 GHz	Wi-Fi CERTIFIED	S®			
40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz	A-MPDU with A-MSDU				
160 MHz Channel Width in 5 GHz	Basic Trigger frame in HE MU PPDU				
	BSRP Trigger frame				
Protected Management Frames	Compressed Block Ack Rx (buffer size 256) Compressed Block Ack Tx (buffer size 256)				
DL MU-N Spectrum & Regulatory					
Spectrum & Regulatory	DL OFDMA Individual Target Wake Time				
802.11d	LDPC Rx				
802.11h	LDPC Tx				
	MCS 8-9 Rx				
WMM®	MCS 8-9 Tx MCS 10-11 Rx				
WPA2™-Personal 2021-01	MCS 10-11 Tx				
	MU EDCA Parameter Set element				
WPA3™-Personal 2024-10	MU-BAR Trigger frame				
	MU-RTS Trigger frame				

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### **Role: Access Point**

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### Wi-Fi CERTIFIED 6® (continued)

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 7<sup>™</sup> (continued)

UL OFDMA

### Wi-Fi CERTIFIED™ a

#### Wi-Fi CERTIFIED™ ac

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

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

Wi-Fi CERTIFIED 7™

A-MPDU with A-MSDU **BSRP** Trigger frame BSS critical update Compressed Block Ack Rx (buffer size 256) Compressed Block Ack Tx (buffer size 256) Compressed Block Ack Rx (buffer size 512) Compressed Block Ack Tx (buffer size 512) DL MU-MIMO DL OFDMA Dynamic MU SMPS EMLSR (Enhanced Multilink Single-Radio) LDPC Rx LDPC Tx MCS 8-9 Rx MCS 8-9 Tx MCS 10-11 Rx MCS 10-11 Tx MCS 12-13 Rx MCS 12-13 Tx Multi-RU **MU-RTS** Trigger frame Operating mode indication STR (Simultaneous Transmit and Receive) SU-MIMO Triggered uplink access optimization

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