



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org/certification/programs

## **Certification ID: WFA135049**

### **Product Info**

**Date of Certification** March 5, 2025

Company Hewlett Packard Enterprise

Product Name AP-725

**Product Model Variant** AP-725

Model Number AP-725

**Category** Routers

**Sub-category** Enterprise/Service Provider Access Point, Switch/Controller or Router

## **Summary of Certifications**

CLASSIFICATION CERTIFICATION

**Connectivity** 2.4 GHz Spectrum Capabilities

5 GHz Spectrum Capabilities6 GHz Spectrum CapabilitiesWi-Fi CERTIFIED 6® Release 2

Wi-Fi CERTIFIED 7™ Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ n

Wi-Fi Enhanced Open™ 2023-12

**Optimization** WMM®

Wi-Fi Agile Multiband™

**Security** Protected Management Frames

WPA2<sup>™</sup>-Enterprise 2018-04 WPA2<sup>™</sup>-Personal 2021-01 WPA3<sup>™</sup>-Enterprise 2022-12 WPA3<sup>™</sup>-Personal 2024-10

Spectrum & Regulatory

**Features** 

Spectrum & Regulatory



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Wi-Fi Components				
Wi-Fi Component Operating System	RF Architecture			
Wi-Fi Component Firmware 17.10.369.61	Bands Supported	Transmit (Tx)	Receive (Rx)	
	2.4 GHz	2	2	
	5 GHz	2	2	
	6 GHz	2	2	
0 4:5: 4:				
Certifications	_			
2.4 GHz Spectrum Capabilities	Spectrum & Reg	Spectrum & Regulatory (continued)		
20 MHz Channel Width in 2.4 GHz	802.11d			
40 MHz Channel Width in 2.4 GHz	802.11h			
5 GHz Spectrum Capabilities	WMM®			
20 MHz Channel Width in 5 GHz	Max Throughput			
40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz				
160 MHz Channel Width in 5 GHz	WPA2™-Enterprise 2018-04			
	EAP methods			
6 GHz Spectrum Capabilities		1000101	_	
20 MHz Channel Width in 6 GHz 40 MHz Channel Width in 6 GHz	WPA2™-Personal 2021-01			
80 MHz Channel Width in 6 GHz	WPA3™-Enterpr	WPA3™-Enterprise 2022-12		
160 MHz Channel Width in 6 GHz 320 MHz channel width in 6 GHz	EAP methods			
320 IVIDZ CHAHHEI WIQUH III O GHZ	192-bit security			
Protected Management Frames	WPA3™-Person	WPA3™-Personal 2024-10		
Spectrum & Regulatory				



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WPA3™-Personal 2024-10 (continued)

AKM 24

**Beacon Protection** 

Wi-Fi Agile Multiband™

Fast Transition OTA on WPA2-Personal

Wi-Fi CERTIFIED 6® Release 2 (continued)

Co-located BSS

Wi-Fi 6 Release 2 features

**UL MU-MIMO** 

**UL MU Control** 

Target Wake Time information frames

Dynamic MU SMPS

Preamble Puncturing

Wi-Fi CERTIFIED 6® Release 2

A-MPDU with A-MSDU

Basic Trigger frame in HE MU PPDU

Beamforming sounding

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

MCS 10-11 Rx

MCS 10-11 Tx

MU EDCA Parameter Set element

MU-BAR Trigger frame

MU-RTS 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 6E

Wi-Fi CERTIFIED 7™

Advertised TID-to-link mapping

A-MPDU with A-MSDU

Beamforming sounding

BSRP Trigger frame

BSS critical update

Compressed Block Ack Rx (buffer size 256)

Compressed Block Ack Tx (buffer size 256)

DL MU-MIMO

DL OFDMA

Dynamic MU SMPS

EMLSR (Enhanced Multilink Single-Radio)

EPCS (Emergency Preparedness Communications Services)

priority access

LDPC Rx

LDPC Tx

Load Balancing in MLO

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-link reconfiguration - AP removal

Multi-link reconfiguration - AP restart

Multi-RU



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### Wi-Fi CERTIFIED 7™ (continued)

MU-RTS Trigger frame

Operating mode indication

Operating mode indication for 320 MHz

Static puncturing

STR (Simultaneous Transmit and Receive)

SU-MIMO

Triggered uplink access optimization

**UL MU-MIMO** 

**UL OFDMA** 

#### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU

DL MU-MIMO

Extended 5 GHz Channel Support

LDPC Rx

LDPC Tx

MCS 8 Rx

MCS 8-9 Rx

Short Guard Interval

STBC

SU beamformer

#### Wi-Fi CERTIFIED™ n

A-MPDU Tx

HT Duplicate Mode

**OBSS** on Extension Channel

**RIFS** 

Short Guard Interval

STBC

### Wi-Fi Enhanced Open™ 2023-12