



Wi-Fi CERTIFIED™ Interoperability 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: WFA66301

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Date of Last Certification	July 14, 2020
Company	Cisco Systems
Product	Cisco 8540 WLAN Controller and Cisco AP3802 AP
Model Number	AIR-CT8540-K9 and AIR-AP3802
Product Identifier(s)	AIR-CT8540-K9 and AIR-AP3802 (SKU)
Category	Routers
Subcategory	Enterprise/Service Provider Access Point, Switch/Controller or Router
Hardware Version	Product: 1, Wi-Fi Component: 1
Firmware Version	Product: 8.10.128.64, Wi-Fi Component: 8.10.128.64
Operating System	Proprietary / Other: AireOS (controller) + Linux (...)
Frequency Band(s)	2.4 GHz, 5 GHz - Concurrent

Summary of Certifications

CLASSIFICATION	PROGRAM
Connectivity	Wi-Fi CERTIFIED™ a, b, g, n, ac
	WPA2™ – Enterprise, Personal
	WPA3™ – Enterprise, Personal
	Wi-Fi Enhanced Open™
Optimization	Wi-Fi Vantage™
	WMM®
Access	Passpoint®



Security

WPA2™ – Enterprise, Personal
WPA3™ – Enterprise, Personal (Aug 2019)
EAP Type(s)
Any EAP Type
192-bit Security
Protected Management Frames

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

2.4 GHz, 5 GHz - Concurrent
3 Spatial Streams 2.4 GHz
3 Spatial Streams 5 GHz
Short Guard Interval
TX A-MPDU
40 MHz operation in 5 GHz
HT Duplicate Mode (MCS 32)

Wi-Fi CERTIFIED™ ac

3 Spatial Streams 5 GHz
Rx MCS 8-9 (256-QAM)
Rx A-MPDU of A-MSDU
Tx SU beamformer
Low Density Parity Check coding
Tx DL MU-MIMO
Rx 160 MHz operations

Wi-Fi Enhanced Open™

Wi-Fi Vantage™

Release 1

Wi-Fi Vantage™ (Release 1)

WMM®

Passpoint®

Release 2

Passpoint® (Release 2)

Online Signup (OSU) and Policy Provisioning

Spectrum and Regulatory Features

802.11d