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

Date of Last Certification	August 06, 2020
Company	Cisco Systems
Product	Cisco CTVM Virtual WLAN Controller and Cisco AP1852 AP
Model Number	AIR-CTVM and AIR-AP1852
Product Identifier(s)	AIR-CTVM and AIR-AP1852 (SKU)
Category	Routers
Subcategory	Enterprise/Service Provider Access Point, Switch/Controller or Router
Hardware Version	Product: v1, Wi-Fi Component: v1
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®
	WMM®-Power Save
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
STBC Transmit
40 MHz operation in 5 GHz

Wi-Fi CERTIFIED™ ac

4 Spatial Streams 5 GHz
Rx MCS 8-9 (256-QAM)
Tx STBC 2x1
Rx A-MPDU of A-MSDU
Tx SU beamformer
Low Density Parity Check coding
Tx DL MU-MIMO

Wi-Fi Enhanced Open™

Wi-Fi Vantage™

Release 1

Wi-Fi Vantage™ (Release 1)

WMM®

WMM®-Power Save

Passpoint®

Release 2

Passpoint® (Release 2)

Passpoint® (Release 2) (continued)

Online Signup (OSU) and Policy Provisioning

Spectrum and Regulatory Features

802.11d
802.11h