



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: WFA66061

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| | |
|-----------------------------------|---|
| Date of Last Certification | July 14, 2020 |
| Company | Cisco Systems |
| Product | Cisco 5520 WLAN Controller and Cisco AP3802 AP |
| Model Number | AIR-CT5520-K9 and AIR-AP3802 |
| Product Identifier(s) | AIR-CT5520-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